

METAL
WOOD
TRANSLUCENT
MINERAL FIBER
FIBERGLASS

2015 • 2016

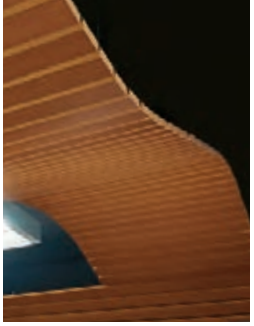
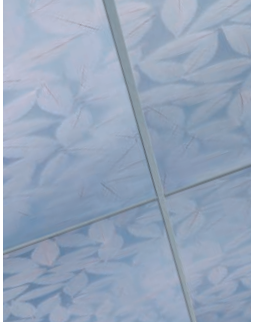
SPECIFIER'S REFERENCE for Integrated Ceiling System Solutions

Inspiring Great Spaces™

Armstrong®

CEILING & WALL SYSTEMS








11 50 63 107 142

CLOUDS & CANOPIES | VERTICAL ELEMENTS | METALWORKS™ | WOODWORKS® | TRANSLUCENT MATERIALS

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INTEGRATED CEILING SYSTEM SOLUTIONS

We're here to help you with a broad and global portfolio of tested and true Integrated Ceiling System Solutions. We offer the components you need to create crisp finishes and seamless continuity for your ceiling designs – from one end of your building to the other. Our new "YOU INSPIRE™" Solutions Center can help bring your one-of-a-kind ideas to life.



147 MINERAL FIBER / FIBERGLASS

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322 DRYWALL SYSTEMS

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Warranties online at: armstrong.com/warranty

On Our Cover: Puyallup Tribe of Indians, Salish Integrative Oncology Care Center, Fife, WA; TGB Architects, Edmonds, WA; Ultima® Vector® Formations™ Clouds 6' circles in custom colors, Infusions® Shapes 4' circles in Amiable Almond, Grateful Glass, and Refined Reef, Optima® Tegular panels with Prelude® XL® 15/16" suspension system

Armstrong®

a ceiling for every space™

Our new A Ceiling for Every Space™ online tool lets you quickly scroll through installation photos to give you ideas and specific product recommendations for your projects.

From signature spaces to special application areas, our broad portfolio has a ceiling system for you.

Discover high-performance ceiling solutions for your every application.



PLACES TO **LEARN**



PLACES TO **HEAL**



PLACES TO **WORK**



PLACES TO **PLAY**



PLACES TO **GO**

Try it at armstrong.com/everyspace



photo gallery



SoundScapes® Shapes panels in White
Emergent BioSolutions
Gaithersburg, MD
DBI Architects, Inc.
Washington, DC

Your Great Spaces

This installation gallery showcases your projects. Thanks for sharing them with us!

To submit your projects to be featured in our catalog, literature, or web site, visit us at armstrong.com/mygreatspace



PLACES TO LEARN

A Ceiling for Every Space™

MetalWorks™ Tegular panels in Reflections™ Rock Maple finish; TCU Rees-Jones Hall, Fort Worth, TX
Hahnfeld Hoffer Stanford with CannonDesign, New York, NY



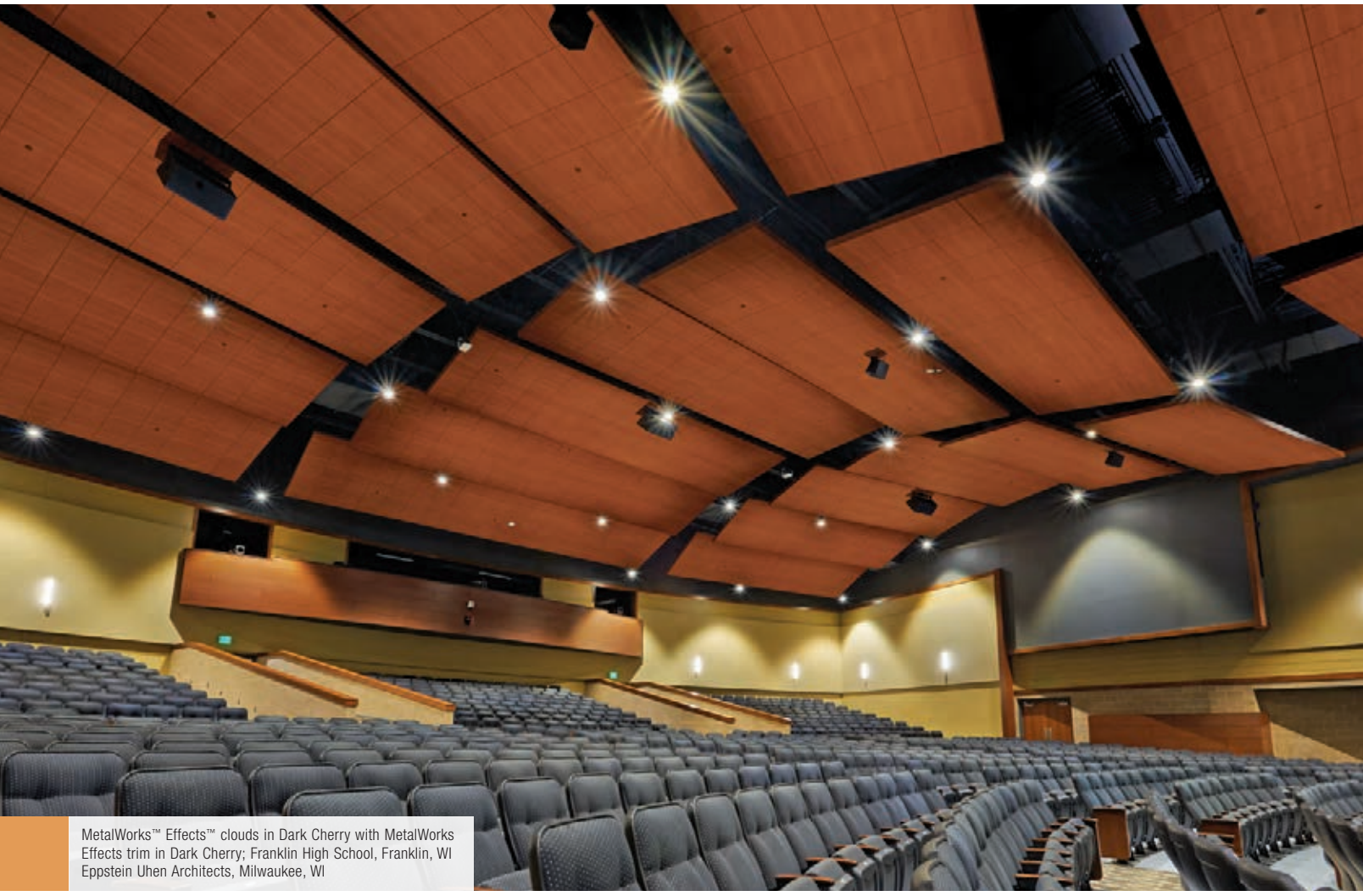
TechZone® Ceiling System with Optima® Tegular field panels and Axiom® Classic 2" Trim; TCU Rees-Jones Hall, Fort Worth, TX
Hahnfeld Hoffer Stanford with CannonDesign, New York, NY



On any given day, thousands of students are unable to understand one out of every four spoken words in classrooms due to inadequate acoustics. With a ceiling for every space, you can create a better place for teachers to teach, and students to learn.

Find the perfect balance between design, inspiration, and function. From classrooms to multipurpose rooms, lobbies to busy corridors, gymnasiums, auditoriums and cafeterias, we've got a range of products to address all of your project spaces.

A Ceiling for Where We Learn



MetalWorks™ Effects™ clouds in Dark Cherry with MetalWorks Effects trim in Dark Cherry; Franklin High School, Franklin, WI
Eppstein Uhen Architects, Milwaukee, WI



SoundScapes® Shapes trapezoids in White with wall hanging kit
Clover Hill Middle School, Midlothian, VA; BCWH, Richmond, VA

Whether orchestrating a warm, inviting entryway, opting to make a big, inspiring impression, or creating areas where staff can interact comfortably with patients, there are products throughout our portfolio for all your healthcare design and performance needs.



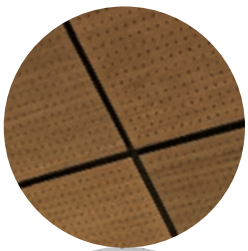
Serpentina® Classic cloud in Silver Satin
Union Hospital, Elkton, MD
Clark Design Group, PC, Elkton, MD

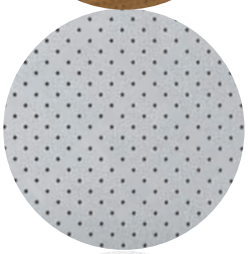


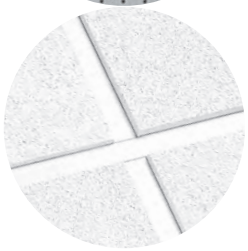
PLACES TO HEAL

A Ceiling for Every Space™

WoodWorks® Channeled panels in Maple
Methodist Richardson Medical Center, Richardson, TX
Perkins+Will, Dallas, TX









MetalWorks™ Torsion Spring ceiling and wall systems in Silverlume, WoodWorks® Tegular panels in Natural Variations™ Dark Cherry with Suprafine® 9/16" suspension system in Black; UF Health, Jacksonville, FL; Gresham, Smith & Partners, Jacksonville, FL

A Ceiling for When We Heal



Ultima® Health Zone™ panels with Prelude® suspension system
Sacred Heart Regional Heart & Vascular Institute, Pensacola, FL
FreemanWhite, Inc., Charlotte, NC



MetalWorks™ TorsionSpan™ panels
Medical Facility, Lancaster, PA

In some areas of healthcare buildings, cleanliness and hygiene along with noise reduction and sound absorption are priorities. Today's ceiling panels offer scrubbable, washable surfaces that meet these needs like never before. Now there's no need to choose between privacy, quiet, or comfort, and the performance these spaces demand.



6" x 48" Acoustical panels with Prelude® XL® 15/16" suspension system; WoodWorks® Grille panels in Grille Cherry
GoDaddy Technology Center, Tempe, AZ; SmithGroupJJR, Phoenix, AZ



SoundScapes® Shapes clouds 48" x 48" and 48" x 96" in White; Twitter, San Francisco, CA
Interior Architects, San Francisco, CA

PLACES TO WORK

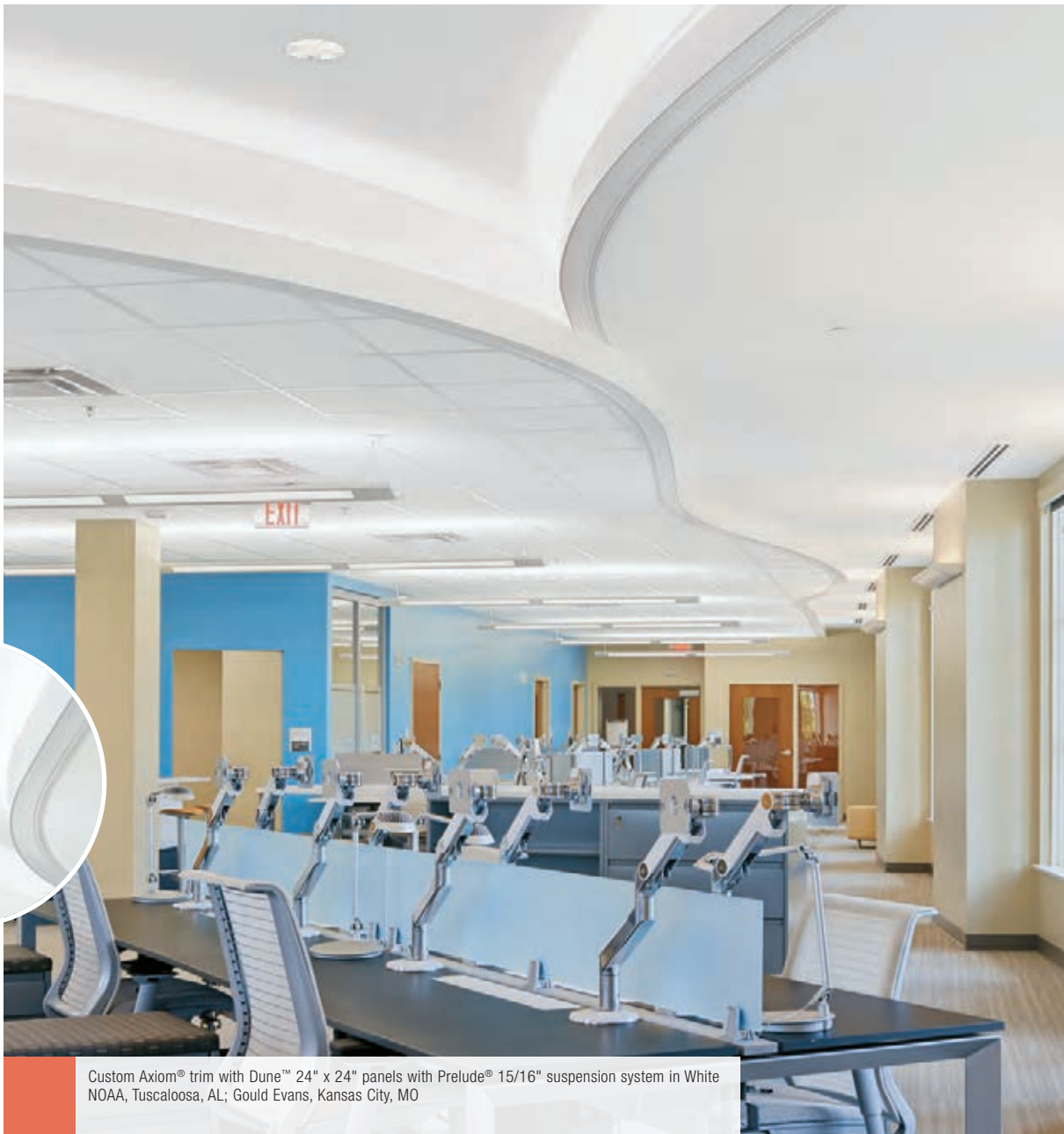
A Ceiling for Every Space™

Creating effective working environments means ensuring that the ceiling meets the building occupants' needs. Ceiling panels with new Total Acoustics™ performance offer the ideal combination of both noise reduction and sound absorption in one panel. Whether open or closed space, Total Acoustics panels enable focus and collaborative tasks, as well as privacy.

High-impact public areas may call out for drama, while “back of house” areas create performance challenges. Throughout our portfolio, you’ll find the right fit, no matter what the need. From data centers to spurring team members to greater contributions, our solutions are ready to go to work for you.



MetalWorks™ Torsion Spring in Silverlume
Stifel Nicolaus, St Louis, MO
Lawrence Group, St Louis, MO





Custom Axiom® trim with Dune™ 24" x 24" panels with Prelude® 15/16" suspension system in White
NOAA, Tuscaloosa, AL; Gould Evans, Kansas City, MO

A Ceiling for the Way We Work



WoodWorks® Grille panels in Maple; Petzl Headquarters, Salt Lake City, UT
AJC Architects, Salt Lake City, UT

Whether giving a venue a lively, fresh vibe, immersing guests in total luxury, or ensuring quality conversations with customers – there's a ceiling choice in our portfolio to address aesthetics and performance for retail and hospitality spaces.



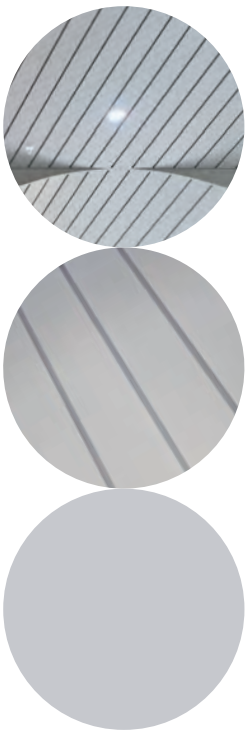
Optima® Tegular and MetalWorks™ Tegular custom clouds with Suprafine® suspension systems and matching custom Axiom® curved trim; Wichita State University, Wichita, KS
Howard + Helmer Architecture, Wichita, KS

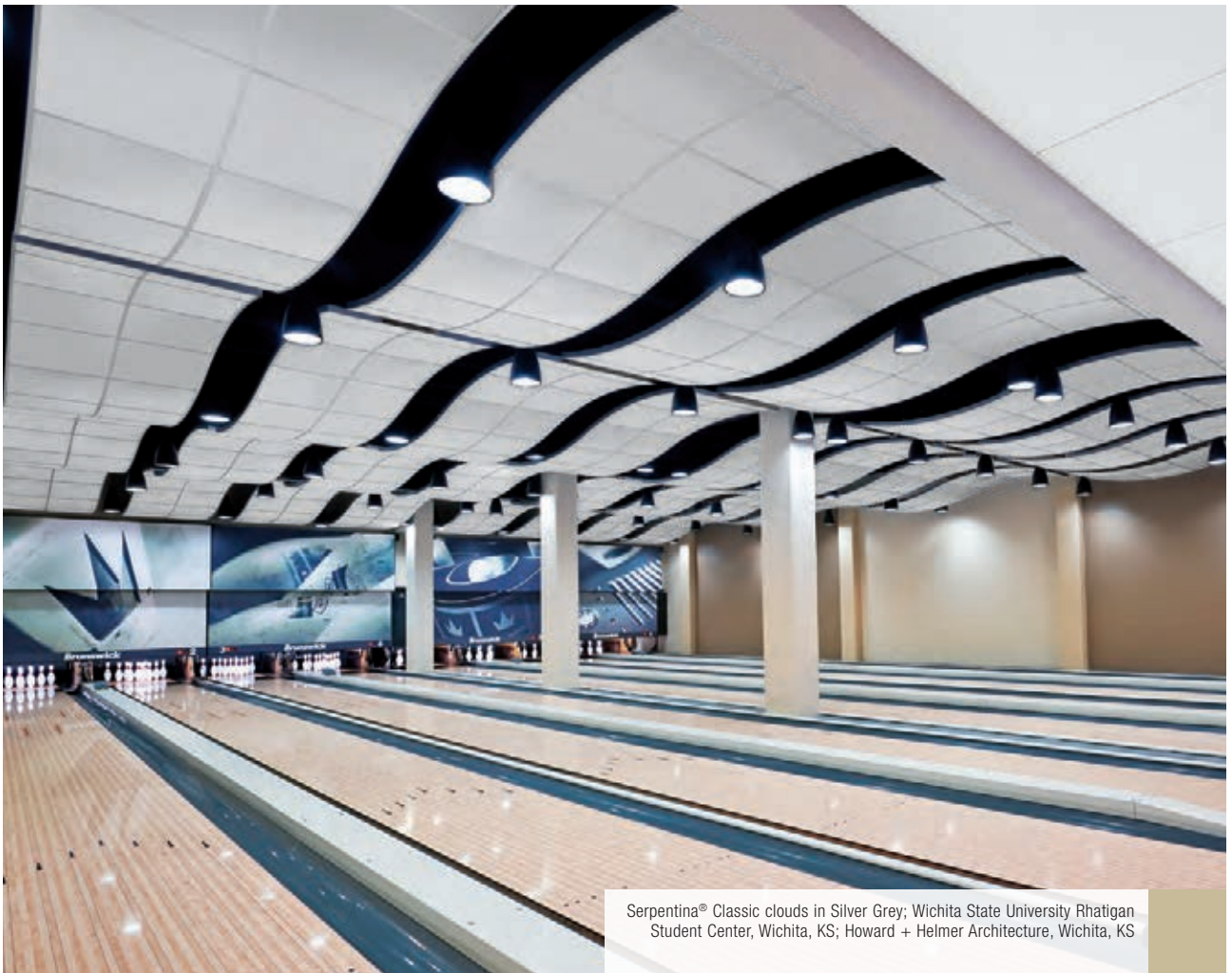
PLACES TO PLAY

A Ceiling for Every Space™



MetalWorks™ Linear Exterior with custom curved Drywall Grid System in Silver Grey; SUNDIAL, St. Petersburg, FL
Harvard Jolly Architecture, St. Petersburg, FL

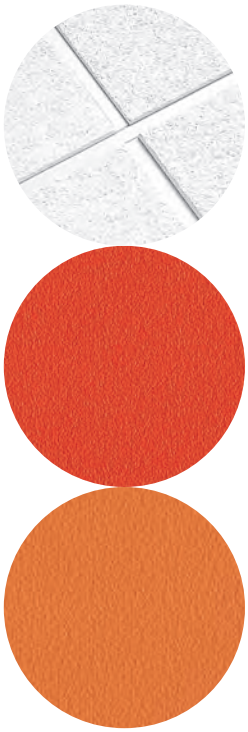




Serpentina® Classic clouds in Silver Grey; Wichita State University Rhatigan Student Center, Wichita, KS; Howard + Helmer Architecture, Wichita, KS



Calla™ 24" x 24" Tegular panels with Suprafine® 9/16" suspension system in White; V. Paul's Italian Ristorante, Pensacola, FL
SMP Architecture, Pensacola, FL



Soft elegance or punchy, playful accents take many shapes, textures, and forms. The world truly is your oyster.

Reduce stressful noise in service areas or enhance intimacy; ensure cleanability for food preparation areas. The perfect match of form and function are here. Play on!

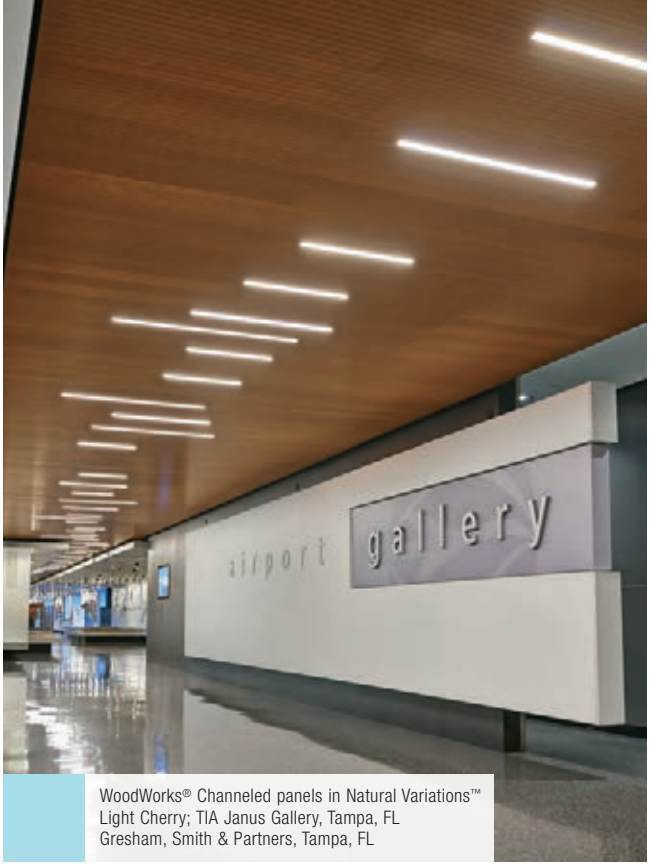
A Ceiling for Wherever We Play



SoundScapes® Blades™ panels in custom colors
Frankie's Fun Park, Raleigh, NC; ADW Architects, P.A., Charlotte, NC



WoodWorks® Tegular panels in custom veneer with Interlude® XL® HRC 9/16" suspension system in Black
GMIA Baggage Claim, Milwaukee, WI; Engberg Anderson, Madison, WI



WoodWorks® Channeled panels in Natural Variations™ Light Cherry; TIA Janus Gallery, Tampa, FL
Gresham, Smith & Partners, Tampa, FL

From passenger waiting areas to retail stores, curbside pickup to high-impact lobbies, you've got all kinds of looks you can facilitate with our ceiling solutions.



TechZone® Ceiling System with Optima® 48" x 48" panels with Suprafine® XL® 9/16" suspension system; GMIA Baggage Claim, Milwaukee, WI; Engberg Anderson, Madison, WI

PLACES TO GO

A Ceiling for Every Space™



solutions center

Free Design and Pre-construction Service

Your Resource for Inspiring Ceiling and Wall Systems

Our team will support you from your initial design, through product selection, through integration with installation, accessories, customization, engineering, and specification... all to help you create the unexpected.

Contact us at 1 800 988 2685



you inspire™
solutions center

helping to bring your one-of-a-kind ideas to life

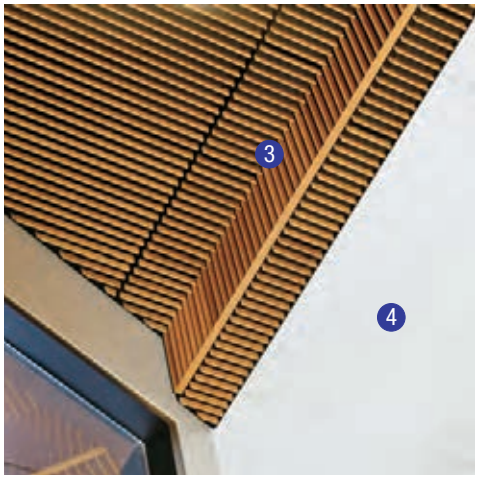
NOAA (Featured on page 2K)

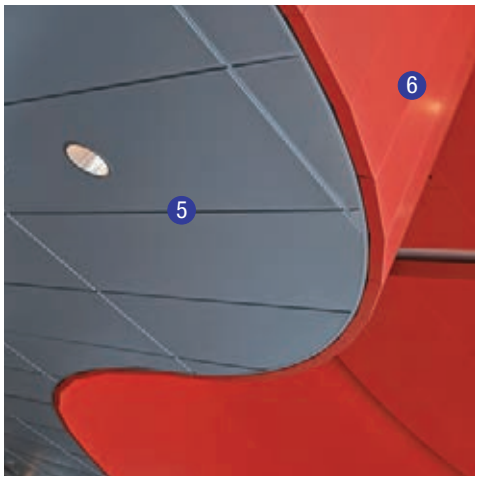
1. Acoustical lay-in panels with Prelude® XL® suspension system
2. Custom curved Axiom® trim



Petzl Headquarters (Featured on page 2L)

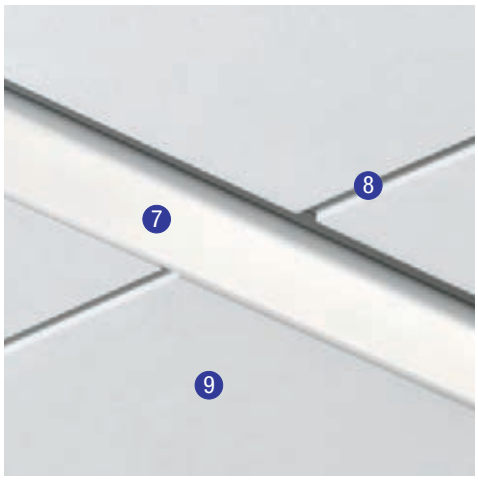
3. WoodWorks® Grille ceiling-to-wall transition finished with WoodWorks Grille endcap
4. Ultima® Plank with Suprafine® XL® suspension system





Berklee College of Music (Featured on page 64)

5. MetalWorks™ Tegular panels in Gun Metal Grey
6. Custom MetalWorks Torsion Spring walls with custom upturns in custom RAL color



TCU Rees-Jones Hall (Featured on page 2B)

TechZone® Ceiling System 7 with continuous linear lighting integration

8. Suprafine® suspension system
9. Optima® Tegular panels

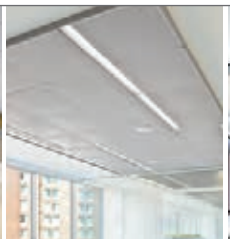
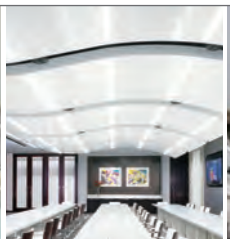
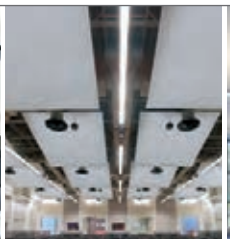
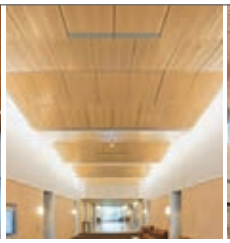
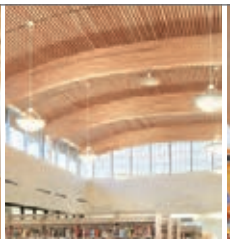
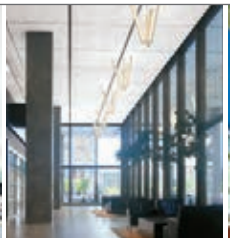
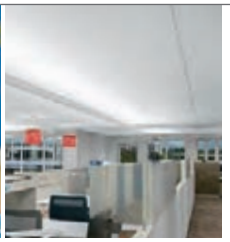
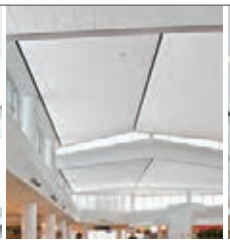
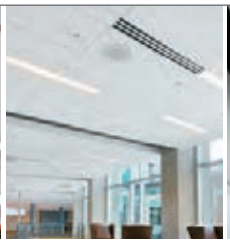
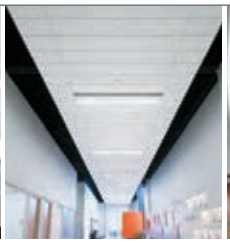
Integrated Ceiling Solutions

These tested ceiling system solutions are designed to be easy to specify and build. In addition, they provide enhanced safety, performance, and aesthetics for a professional finish – from the integration of panels and suspension systems – to lighting, trims, and accessories.

RAL is a registered trademark of RAL gGmbH

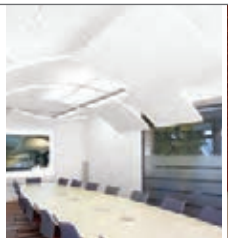
CEILING SYSTEMS AT-A-GLANCE

portfolio STANDARD & CUSTOM OPTIONS

	Standard 2' x 2' Panels	Vector® 1/4" Reveal Panels	Non-standard & Custom Sizes	Planks	Radial/Trapezoid Shapes
METAL					
	MetalWorks™ Tegular Pgs. 73-74	MetalWorks™ Vector® Pgs. 75-76	MetalWorks Custom Pgs. 102-106	MetalWorks Linear Pgs. 87-88	MetalWorks Radial Pg. 105
WOOD					
	WoodWorks® Tegular Pgs. 115-116	WoodWorks® Vector® Pgs. 115-116	WoodWorks Custom Pgs. 137-141	WoodWorks Linear Pgs. 127-132	WoodWorks Radial Pg. 141
MINERAL FIBER					
	new Calla™ Pgs. 155-156	Ultima® Vector® Pgs. 239-240	Ultima® Create!™ Pgs. 175-177	Ultima Plank Pgs. 233-238	
FIBERGLASS					
	new Lyra™ Tegular Pgs. 199-204	Optima® Vector® Pgs. 217-218	Optima Non-Standard Size Pgs. 209-216	Optima Plank Pgs. 209-216	Optima Radial Pgs. 247-248
TRANSLUCENT MATERIALS					
	Infusions® Panels Pgs. 143-146		Infusions Panels Pgs. 143-146		

WALL SYSTEMS AT-A-GLANCE

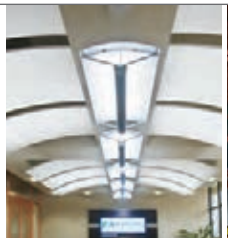
Canopies & Clouds



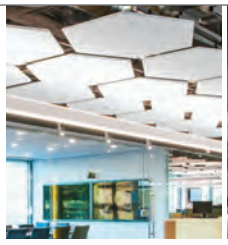
MetalWorks™ Canopies
Pg. 36



WoodWorks® Canopies
Pg. 44



SoundScapes® Canopies
Pg. 46

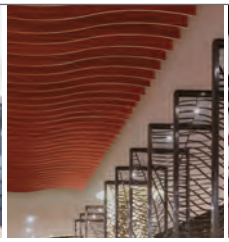


SoundScapes® Shapes
Pgs. 47-48

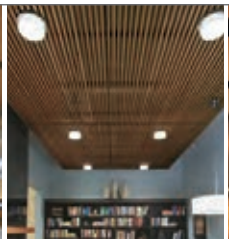


new Infusions® Shapes
Pgs. 33-34

Vertical Elements



new MetalWorks™ Blades™
Pgs. 55-60



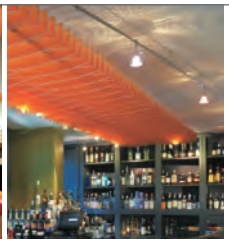
WoodWorks® Grille
Pgs. 123-126



Soundsoak® Baffles
Pgs. 61-62

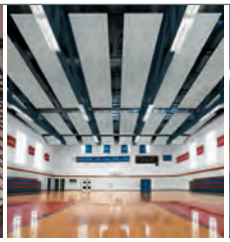


new SoundScapes® Blades™
Pgs. 59-60



new Infusions® Blades – Concepts™
Pgs. 53-54

Exposed Structure Acoustical Solutions



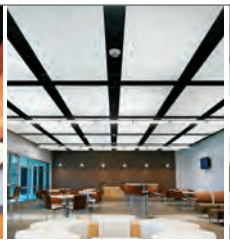
MetalWorks™ Capz™
Pgs. 15-16



WoodWorks Custom Clouds
Pgs. 138-141

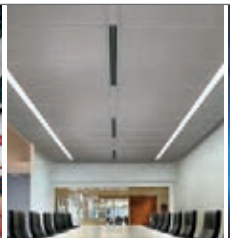


Formations™ Clouds
Pgs. 17-30

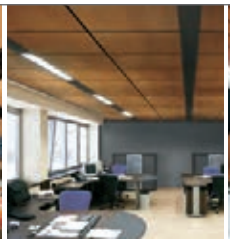


new Optima® Capz™
Pgs. 15-16

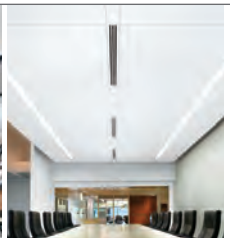
Integrated Systems



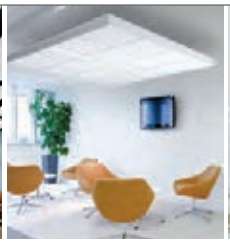
TechZone® Ceiling System MetalWorks™ Panels
Pgs. 251-257



TechZone Ceiling System WoodWorks Panels
Pgs. 251-257



TechZone® Ceiling Systems Ultima® Panels
Pgs. 251-257



new Formations™ with Integrated Lighting
Pgs. 29-30

Coffers

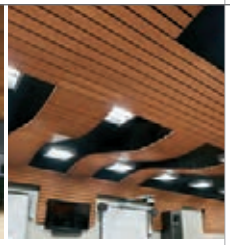


Metaphors® Coffers with Translucent, Metal, and Mineral Fiber Panels
Pgs. 207-208

Ceiling-to-Wall Transitions



MetalWorks Custom Ceilings & Walls
Pgs. 103-106, 341-342



WoodWorks Linear Ceilings & Walls
Pgs. 127-132

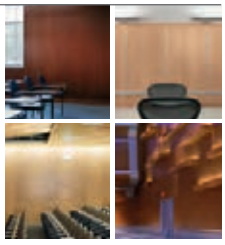


Optima Custom Ceilings & Walls
Pgs. 213-218

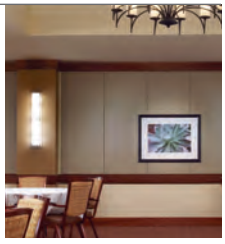
Walls



Custom Metal Walls
Pgs. 341-342



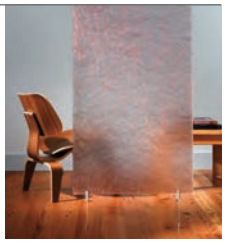
WoodWorks® Walls (Channeled, Ekos®, Standard, Custom)
Pgs. 343-347



Soundsoak Walls
Pg. 337



Soundsoak® Custom Walls
Pg. 338



Infusions™ Partitions & Walls
Pgs. 348-350

PORTFOLIO AT-A-GLANCE

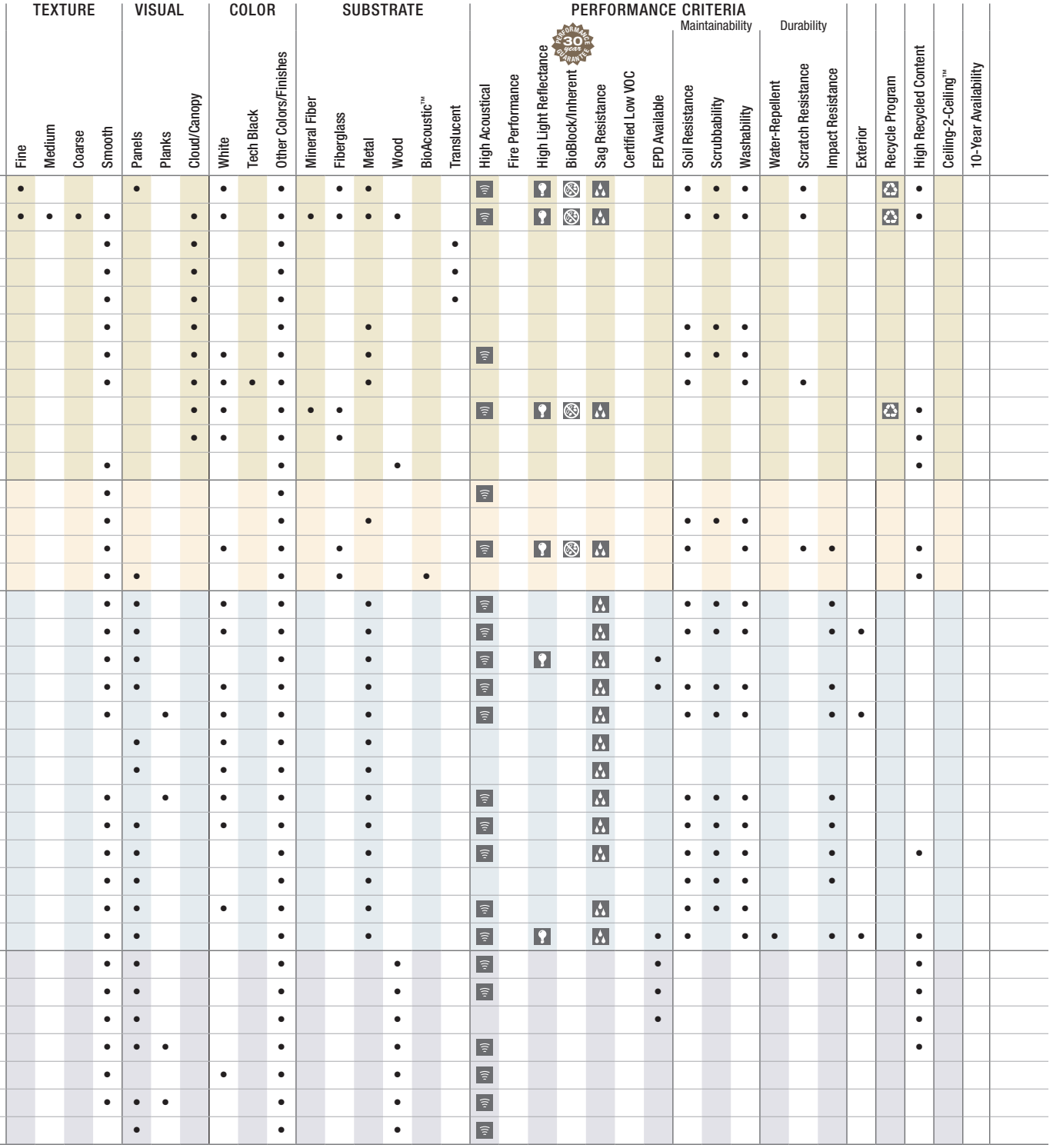
CEILING SYSTEMS SELECTOR – SPECIALTY CEILING SYSTEMS

Look for this icon indicating new products or new additions to product families. Visit our website for details.

Product information listed in this chart pertains to general product families and may not apply to each individual product item. Before specifying or purchasing products, consult product details at www.armstrong.com.

		Page No.	PANEL SIZE														SUSPENSION SYSTEM FACE			EDGE PROFILE					
			12" x 12"	12" x 24"	12" x 48"	12" x 60"	12" x 72"	20" x 60"	24" x 24"	24" x 48"	24" x 60"	24" x 72"	24" x 96"	30" x 30"	48" x 48"	Other Sizes/Shapes	Concealed/Vector	9/16"	15/16"	Square Lay-in	Square Tegular	Angled Tegular	Beveled Tegular	Vector®	Other Edge Profiles
CANOPIES & CLOUDS	CAPZ™	15-16								•	•	•	•		•	•			•	•					•
	FORMATIONS™	17-30							•							•	•	•	•	•	•		•	•	
	INFUSIONS® Canopies	31-32									•	•				•									
	INFUSIONS® Shapes new	33-34													•	•									
	INFUSIONS® Wings	35								•						•									
	METALWORKS™ Wings	35														•									
	METALWORKS™ Canopies	36														•									
	SERPENTINA® Classic/Wings/Vault	37-44							•	•		•	•			•									
	SOUNDSCAPES® Basics/Canopies	46-47													•	•									•
	SOUNDSCAPES® Shapes	47-48													•	•									•
	WOODWORKS® Canopies	49														•									
VERTICAL ELEMENTS	INFUSIONS® Blades – Concepts™ new	53-54														•									
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	SOUNDSCAPES® Blades™	59-60														•									
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METALWORKS	METALWORKS™ Tegular	73-74							•									•	•		•				•
	METALWORKS™ Vector®	75-76							•										•					•	
	METALWORKS™ Clip-on new	77-78							•	•						•			•						•
	METALWORKS™ Concealed	79-80													•	•			•						•
	METALWORKS™ Linear	81-82														•									•
	METALWORKS™ Mesh™	83-84							•										•						•
	METALWORKS™ Open Cell	85-86							•							•		•		•					
	METALWORKS™ Plank	87-88														•								•	
	METALWORKS™ SecureLock™	89-90							•										•						
	METALWORKS™ Snap-in	91-92			•				•	•				•					•						
	METALWORKS™ 3D	93-94							•									•				•			
	METALWORKS™ Tin	95-96							•	•								•	•	•	•				•
	METALWORKS™ Torsion Spring	97-99							•	•		•	•	•		•			•						
WOODWOORKS	WOODWORKS® Tegular	115-116			•		•		•	•		•		•		•		•			•				
	WOODWORKS® Vector®	115-116			•				•	•									•					•	
	WOODWORKS® Concealed	117-118								•		•	•			•	•		•						•
	WOODWORKS® Channeled	119-122			•				•	•				•		•		•	•					•	•
	WOODWORKS® Grille	123-126							•	•						•		•	•		•				
	WOODWORKS® Linear	127-132														•			•						•
	WOODWORKS® Open Cell	133-134							•	•									•					•	

Armstrong® products are sold subject to limited warranties; general warranty information is available at armstrong.com/warranty. Full copies of the applicable warranty are available by calling 1 877 ARMSTRONG.



Acoustical Performance

High Acoustical Performance

Light Reflectance

High Light Reflectance

Anti-Microbial Protection

BioBlock® inhibits or retards growth of mold and mildew

Durability

- Soil Resistance
- Scrubbability
- Washability
- Scratch Resistance
- Impact Resistance

Recycling

Part of Armstrong Recycling Program

Post-consumer recycled content is from reclaimed ceilings

Fire Performance

Fire Guard™ Fire Resistive L - Local

HumiGuard® Humidity Resistance

Sag Resistance S - Standard
4 drops / HumiGuard Max
3 drops / HumiGuard Plus

CEILING SYSTEMS SELECTOR – CEILING PANELS

Look for this icon indicating new products or new additions to product families. Visit our website for details.

Product information listed in this chart pertains to general product families and may not apply to each individual product item. Before specifying or purchasing products, consult product details at www.armstrong.com.

			PANEL SIZE														SUSPENSION SYSTEM FACE			EDGE PROFILE						TEXTURE			
		Page No.	12" x 12"	12" x 24"	12" x 48"	12" x 60"	12" x 72"	20" x 60"	24" x 24"	24" x 48"	24" x 60"	24" x 72"	24" x 96"	30" x 30"	48" x 48"	Other Sizes/Shapes	Concealed/Vector	9/16"	15/16"	Square Lay-in	Square Tegular	Angled Tegular	Beveled Tegular	Vector®	Other Edge Profiles	Fine	Medium	Coarse	Smooth
GENERAL APPLICATION	CALLA™ new	155-156							•	•								•	•	•			•						•
	CIRRUS®/CIRRUS® High NRC	159-164							•	•						•		•	•	•		•	•				•		
	CIRRUS Profiles	165-166							•									•	•				•		•		•		
	CORTEGA®	173-174						•	•	•	•					•		•	•	•		•	•				•		
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	FISSURED™	190							•	•						•			•	•		•					•		
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	MESA™	205-206							•	•						•		•	•	•		•	•			•			
	TUNDRA®	231-232							•	•						•		•	•	•			•				•		
	ULTIMA®/ULTIMA® High NRC	233-238		•	•	•	•		•	•	•	•				•		•	•	•			•			•			
	ULTIMA® Vector®	239-240		•					•		•	•				•	•		•					•	•	•			
	ULTIMA® with AirGuard™ Coating	233-240							•	•								•	•	•			•			•			
SPECIAL APPLICATION	ARMATUFF®	154							•	•						•			•	•								•	
	CERAMAGUARD®/CERAMAGUARD® FINE FISSURED™	157-158							•	•									•	•							•		•
	Clean Room™ FL/VL/VL	171-172							•	•						•			•	•									•
	GEORGIAN® High Washability	191-192							•	•									•	•							•		
	KITCHEN ZONE™ new	195-196							•	•									•	•									•
	LYRA™/LYRA™ High CAC new	199-204			•				•	•	•	•	•	•	•	•		•	•	•	•								•
	OPTIMA®/OPTIMA® PB	209-216						•	•	•	•	•	•	•	•	•		•	•	•	•					•			
	OPTIMA® Vector®	217-218		•					•	•		•	•	•	•	•	•		•							•			
	OPTIMA® Health Zone™	219-220							•	•						•		•	•	•	•					•			
	PAINTED NUBBY™	221-222							•	•						•		•	•	•	•						•		
	PEBBLE™	223-224							•	•	•					•			•	•							•		
	RANDOM FISSURED™	225							•	•						•			•	•						•			
	SHASTA®	226							•	•						•			•	•						•			
	School Zone® FINE FISSURED™	227-228							•	•								•	•	•			•	•			•		
	School Zone® GEORGIAN™	227-228							•	•									•	•							•		
	ULTIMA® Health Zone™/ULTIMA® Health Zone™ High NRC	241-244							•	•								•	•	•			•			•			
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	CIRRUS® Themes™	169-170							•									•	•			•	•						
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	INFUSIONS® Translucent Panels	143-146			•				•	•		•						•	•	•						•			

Armstrong 30-Year System Performance Guarantee – find product warranties at armstrong.com/warranty

- Armstrong HumiGuard® ceiling systems will resist visible sag
- Armstrong BioBlock® ceiling systems will resist the growth of mold and mildew

This guarantee also applies to Armstrong ceiling products that are formulated to inherently resist the growth of micro-organisms: Ceramaguard, Optima, Painted Nubby, and Vinyl-faced Fiberglass ceiling products.

(Applies when Armstrong® Commercial suspension systems and Armstrong Commercial ceiling products are installed and used together.)

Armstrong products are sold subject to limited warranties; general warranty information is available at armstrong.com/warranty. Full copies of the applicable warranty are available by calling 1 877 ARMSTRONG.

VISUAL			COLOR			SUBSTRATE						PERFORMANCE CRITERIA												SPECIAL PERFORMANCE														
																			Maintainability			Durability															
Panels	Planks	Cloud/Canopy	White	Tech Black	Other Colors/Finishes	Mineral Fiber	Fiberglass	Metal	Wood	BioAcoustic™	Translucent	High Acoustical	Fire Performance	High Light Reflectance	BioBlock/Inherent	Sag Resistance	Certified Low VOC	EPD Available	Soil Resistance	Scrubbability	Washability	Water-Repellent	Scratch Resistance	Impact Resistance	Healthcare	Open Plan Office	Clean Room	Exterior	Food Preparation	Gymnasium	Laboratory	Shower or Locker Areas	Recycle Program	High Recycled Content	Ceiling-2-Ceiling™	10-Year Availability	Installed Cost
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Acoustical Performance
- High Acoustical Performance

Light Reflectance
- High Light Reflectance

Anti-Microbial Protection
- **BioBlock®** inhibits or retards growth of mold and mildew

Fire Performance
- Fire Guard™ Fire Resistive — L - Local

HumiGuard® Humidity Resistance
- Sag Resistance — S - Standard; 4 drops / HumiGuard Max; 3 drops / HumiGuard Plus

Durability
- Soil Resistance
- Scrubbability
- Washability
- Scratch Resistance
- Impact Resistance

Recycling
- Part of Armstrong Recycling Program
- Post-consumer recycled content is from reclaimed ceilings

Relative Installed Cost
- 5 $'s/highest pricing
- 1 $/lowest pricing

You Can Use Clouds and Canopies to Enhance Design and Acoustical Performance

Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

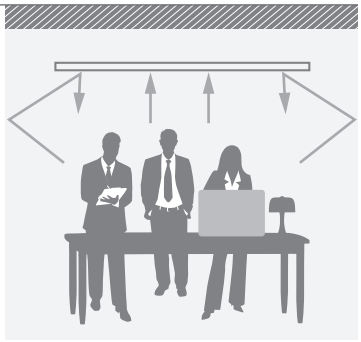
Clouds and canopies can provide sound absorption, and are especially effective since they can absorb sound from the front and back of the panels.

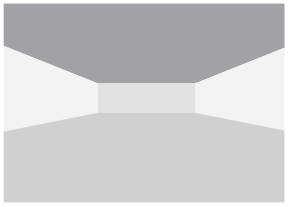
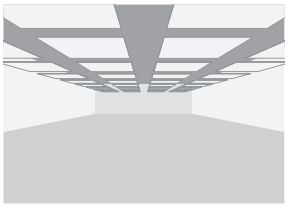
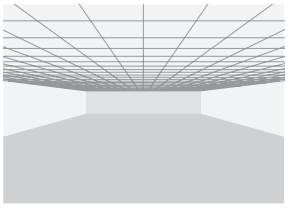
Sabin is the term used to measure acoustics for these ceiling forms. A cloud installation covering about 50% of the ceiling will almost double reverberation time improvement, versus a continuous ceiling, and almost four times that of an exposed structure space. See example below.

Sabin

The preferred metric for measuring acoustics for "space absorbers" like clouds and canopies.

Total acoustical absorption for a suspended ceiling is calculated by multiplying the exposed surface area by the material NRC, while "space absorbers" are directly measured. Acoustical clouds and canopies can provide greater sound absorption than a continuous ceiling of the same surface area, because the sound is absorbed from both the front and back surfaces.



Example:	Exposed Structure	Cloud Installation	Continuous Ceiling
			
5,000 SF Exposed Structure (50' x 100'), 15' to deck, drywall with windows on two sides, commercial carpet	**No Treatment (0% Coverage)**	**SoundScapes® Shapes (50% coverage)**	**Continuous Optima® Ceiling (100% Coverage)**
Ceiling	**Exposed Structure**	**156 Shapes: 46" x 46" Squares**	**Suspended 60" Below Deck**
Sabin/SF	0	1.49	0.90
Reverberation Time (RT)	3.4 sec	0.9 sec	0.5 sec
RT Improvement	ref	73%	86%
SPL Reduction (dB)	ref	-4.5	-6.0

For definitions of acoustical terms, see pages 359-360 in this catalog.

clouds & canopies



Custom clouds with Ultima® panels and Suprafine® 9/16" suspension system; Albany Park Branch Library, Chicago, IL
Jackson Harlan, LLC, Chicago, IL

CLOUDS, CANOPIES, AND ACOUSTICAL PANELS
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

CLOUDS



Formations™ Clouds Pgs. 17-30



Infusions® Shapes Pgs. 33-34



Infusions® & MetalWorks™ Wings Pg. 35



Serpentina® Classic Clouds Pgs. 37-38



Serpentina® Vault Clouds Pgs. 39-40



Serpentina® Waves™ Clouds Pgs. 41-44



SoundScapes® Shapes Pg. 47-48

CANOPIES



Infusions® Accent Canopies Pgs. 31-32



MetalWorks™ Canopies Pg. 36



SoundScapes Basics Canopies Pg. 45



SoundScapes® Acoustical Canopies Pg. 46



WoodWorks® Canopies Pg. 49

ACOUSTICAL PANELS



Capz™ – MetalWorks, Optima® & Spectra™ Pgs. 15-16

ICON KEY

Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics

Sabin measures are noted under physical data for each product.

Product has NRC (Noise Reduction Coefficient) 0.70 or greater (applies to Capz only).

Fire Performance

Performance in Clouds and Canopies is dependent on panel attributes. See product pages for specific panel performance.

Seismic

Category D, E & F

Light Reflectance

Light reflectance of 0.83 or greater.

BioBlock®

Inhibits or retards growth of mold and mildew

Humidity/Sag Resistance

HumiGuard® Plus

Superior sag resistance, recommended for areas subject to very high humidity (panel dependent; see product pages for details).

High Durability

Washability

Offers superior wash resistance without compromising panel finish integrity.

Scrubbability

Product is scrubbable. See specific info on product page.

Impact Resistance

Excellent resistance to surface impact.

Scratch Resistance

Excellent resistance to surface scratching, scuffing, or chipping as per Hess Rake Test.

Soil Resistance

Excellent resistance to dirt and/or grease for lasting value and performance.

Color Availability

Available in color.

Recycle Program

Product is recyclable through the Armstrong Recycling Program.

CLOUDS, CANOPIES, AND ACOUSTICAL PANELS
Colors, Finishes, and Patterns

FORMATIONS™ Clouds Colors, finishes, and patterns listed may not apply to each individual product. Before specifying, consult product details at armstrong.com/canopiesandclouds

METALWORKS™ Mesh™ Lay-in Panels (additional options on product pages 83-84)

Woven Wire


Linear Weave


Square Weave


Diamond Weave

Welded Wire


1Cell

Expanded Metal


Lattice

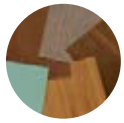
WOODWORKS® Grille and Open Cell Panels
(additional options on pages 123-126)


Grille Maple (GMP)


Grille Light Cherry (GLC)


Grille Dark Cherry (GDC)


Grille Walnut (GWN)


Custom Finishes Available

METALWORKS Square Tegular and Vector® Panels (additional options on pgs. 73-76)

White (WH)


Silver Grey (SG)


Gun Metal Grey (MY)


Effects™ Maple (FXMP)


Effects Cherry (FXCH)


Effects Dark Cherry (FXDC)


Effects Walnut (FXWN)


Custom Colors and Finishes Available

OPTIMA®/ULTIMA® Tegular and Vector Panels
(product pages 213-218, 235-240)

White (WH)

INFUSIONS® Accent Canopies (additional options on product pages 31-32)

Channeled

Channeled Mist (CHT)


Channeled Caribbean (CHC)


Channeled Midnight (CHM)


Channeled Sunset (CHS)


Channeled Fire (CHF)


Channeled Vision (CHV)


Channeled Intellect (CHN)

Patterns


Honey Canvas (THC)


Spun Copper (TSC)


Crushed Copper (TCC)


Linen Gold (TLG)


Chalk Folio (TCF)


White Circlets (TWC)


Silver Orbit (TSR)


Indigo Surf (TNS)


Natural Linen (TNL)


Blue Linen (TBL)


Clear Arbor (TCA)


Blue Arbor (TBA)


Orange Arbor (TOA)


Red Arbor (TRA)

Crystalline Focus (TCR)

Crystalline Silverado (TSV)

Crystalline Sky (TSY)

Solids

Cultured Pearl (TCP)

Inspiration Ice (TNC)

Calm Water (TCW)

Natural Faith (TNF)

Loyalty Latte (TLL)

Caribbean Renewal (TAR)

Sage Happiness (TSH)

Budding Creativity (TBD)

Tranquility Teal (TTT)

Peace Blue (TPB)

Sheer Iris (TSI)

Saffron Energy (TSE)

Sedona Spirit (TSS)

Red Fire (TRF)

Cinnamon Sanity (TCS)

SERPENTINA® Classics and SERPENTINA® Waves™ Clouds (additional options on product pages 37-44)

Metal Infills

White (WH)

Cream (CR)

Haze (HA)

Camel (CM)

Platinum (PL)

Tech Black (BL)

Silver Grey (SG)

Silver Satin (SA)

Gun Metal Grey (MY)

Champagne Gold (CG)

Wolf (WK)

Vanilla (VA)

Slate (ST)

Custom Colors Available

SOUNDSCAPES® Canopies and Clouds
(additional options on product pages 46-48)

Reef (RE)

Lagoon (LA)

Plum (PM)

Cranberry (CN)

Kiwi (KW)

Tangerine (TG)

Custom Colors Available

INFUSIONS® Wings
(product page 35)

Refined Kiwi (TRK)

Refined Reef (TRR)

Refined Lagoon (TRL)

Refined Plum (TRO)

Refined Tangerine (TRT)

Refined Black (TRB)

Refined Clear (TCL)

WOODWORKS Canopies (product page 49)

Standard (partial list)

Natural Variations™ Beech (NBE)

Natural Variations Maple (NMP)

Natural Variations Light Cherry (NLC)

Natural Variations Dark Cherry (NDC)

Bamboo Patina (BAP)

Custom Finishes Available

CAPZ™ Acoustical Panels
(product pages 15-16)

Optima® White

Spectra™ Tech Black

METALWORKS Capz Panels, Canopies, and Wings
(product pages 35-36)

White (WH)

Silver Grey (SG)

Gun Metal Grey (MY)

CAPZ™
MetalWorks™, Optima®, and Spectra™
acoustical ceiling options



Optima® Capz™ 48" x 96" panels with White caps

The sleek Capz system pairs accent hardware with a variety of acoustical panels.

KEY SELECTION ATTRIBUTES

- Noise is absorbed on both the front and back of panels (NRC 0.90 – 0.95)
- Panel options: Optima, Spectra, MetalWorks
- High light reflectance 0.90 (Optima)
- Easy alignment suspension system
- MetalWorks panels feature:
  - ExpanTech™ technology for larger MetalWorks panel sizes with 10 times less deflection than standard large-size metal panels (without the use of panel stiffeners)
  - Durable – Washable, Scrubbable, Impact, Soil-resistant
  - Custom RAL colors available.

TYPICAL APPLICATIONS

- Exposed structure
- Drywall spaces requiring acoustical correction
- Painted decks
- Capz panels can be installed: directly to the deck, on drywall, or suspended like a continuous ceiling

Panels can be designed in long runs or grouped based on the acoustical needs of the space.



See more photos at:
armstrong.com/photogallery
SEARCH: capz

PANEL COLOR SELECTION



Optima White (WH) | Spectra Tech Black (BL) | MetalWorks White (WH) | MetalWorks Silver Grey (SG) | MetalWorks Gun Metal Grey (MY)

CAP COLOR SELECTION

Optima & Spectra Capz



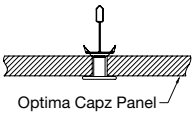
White Textured (WH) | Silver Smooth (SL) | Tech Black Textured (BL)

MetalWorks Capz

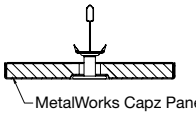


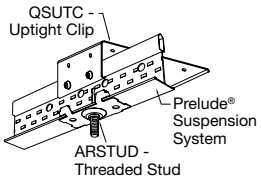
White Smooth (WH) | Silver Grey Smooth (SG) | Gun Metal Grey Smooth (MY)

OPTIMA CAPZ

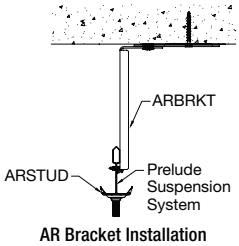


METALWORKS CAPZ





Uptight Clip Installation



AR Bracket Installation

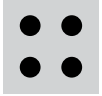
DETAIL



1. Optima White Capz
2. Spectra Tech Black Capz
3. MetalWorks Capz

METALWORKS CAPZ PANEL PERFORATION OPTIONS

(Actual 1:1 scale shown)



M10
(Rg 2513)

NOTE: MetalWorks Capz panels have a 1/2" unperforated border. Refer to hand sample for visual.

UP TO 71% OPTIMA & SPECTRA 90% METAL WORKS RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

CAPZ™
MetalWorks™, Optima®, and Spectra™
acoustical ceiling options

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$$

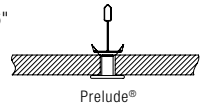
Edge Profile	Item Number◆	Dimensions (Inches)	Acoustics NRC	Light Reflect (White Only)	Fire Rating	Anti-Mold & Mildew Inherent	Sag Resist Humi-Guard+	Durability: Wash	Durability: Scrub	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle
OPTIMA and SPECTRA CAPZ Reverse Tegular														
	3934 _ _◆	24 x 48 x 7/8"	0.95 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3935 _ _◆	24 x 60 x 7/8"	0.95 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3930 _ _◆	24 x 72 x 7/8"	0.90 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3931 _ _◆	24 x 96 x 7/8"	0.90 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3936 _ _◆	36 x 36 x 7/8"	0.90 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3932 _ _◆	48 x 48 x 7/8"	0.95 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	3933 _ _◆	48 x 96 x 7/8"	0.95 ●	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
	FastSize™ Panels (Optima only)	W: 12" – 48" / L: 12" – 120" 7/8" Thick	N/A	0.90 ●	Class A	●	●	●	–	–	●	●	●	●
METALWORKS CAPZ™ Standard Sizes														
	64901M10 _ _◆	48 x 48 x 9/16" (1 pc carton)	0.75† ●	0.61	Class A	●	●	●	●	●	●	●	●	●
	64902M10 _ _◆	48 x 48 x 9/16" (2 pc carton)	0.75† ●	0.61	Class A	●	●	●	●	●	●	●	●	●
METALWORKS CAPZ Premium Sizes*														
	64780M10 _ _◆	24 x 48 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●
	64790M10 _ _◆	24 x 60 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●
	64910M10 _ _◆	24 x 72 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●
	64920M10 _ _◆	24 x 96 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●
	64930M10 _ _◆	36 x 36 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●
	64940M10 _ _◆	48 x 48 x 9/16"	0.75† ●	0.61	Class A	●	●	●	●	–	●	●	●	●

◆ When specifying or ordering, include the appropriate 2-letter suffix (e.g., 3934 W H) for Optima White; 3934 B L for Spectra Tech Black; 64901M10 W H for MetalWorks.
* Minimum order quantities and extended lead times may apply. † With BioAcoustic™ infill item 5479. NRC of 0.90 with fiberglass infill 8200100 and 0.80 as sold.

CAPS

- CAPS for Optima or Spectra (ARCAP_ _*)◆
- CAPS for MetalWorks (5487_ _◆)

SUSPENSION SYSTEMS



ACCESSORIES

- Adjustable Hanger Bracket (ARBRKT)
- Rigid Attachment Clip (QSUTC)
- Cross Tee Plug Clip (ARPLUG)
- Threaded Stud (ARSTUD)
- Clip (STAC)

PHYSICAL DATA

Material
Optima – fiberglass with a DuraBrite® acoustically transparent scrim. Spectra Tech Black – fiberglass with an acoustically transparent scrim. MetalWorks – aluminum composite – 0.57" thick.

Surface Finish
Optima White – a DuraBrite finish with factory-applied latex paint providing superior light reflectance. Spectra Black – a factory-applied latex paint. MetalWorks – factory-applied powder-coated finish (post coated).

Fire Performance
Optima/Spectra – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled) MetalWorks – ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (MetalWorks only)
Third party certified compliant with California Department of Public Health CDPH/EHLB/ Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Panel Deflection
Capz panels will naturally deflect due to the Capz four-point (or more) suspension system. Deflection of up to 1/8" has been documented in some cases. Panels should not be installed perpendicular to each other due to varying degrees of deflection.

Design & Installation Considerations
In situations where all suspension points cannot be used, follow our technical guide BPCS-3939 for recommendations.

Panels are installed directional and are marked on the back with arrows. Suspension system may be visible at panel intersection. Consider using coordinating Prelude® 15/16" suspension system. Panels may be stacked in layers. Panels may be installed on a slope using guidelines found in installation instructions BPLA-297435.

Warranty
Optima Capz & Spectra Capz – 10 year
MetalWorks Capz – 1 year
Details at armstrong.com/warranty

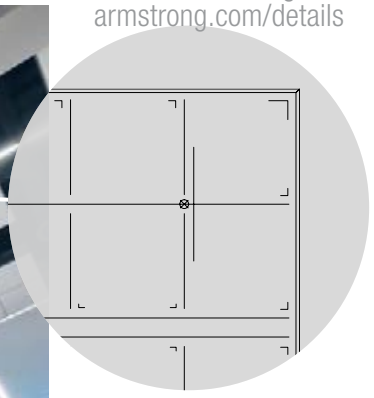
Weight; Square Feet/Carton
3930, 3936 – 0.56 lbs/SF; 72 SF/ctn
3935 – 0.56 lbs/SF; 80 SF/ctn
3931, 3934 – 0.56 lbs/SF; 96 SF/ctn
3932 – 0.56 lbs/SF; 64 SF/ctn
3933 – 0.56 lbs/SF; 128 SF/ctn
MetalWorks – 1 lb/SF

LEED® is a registered trademark of the US Green Building Council

FORMATIONS™
Acoustical and Accent Cloud Kits

CAD/Revit® drawings at:
armstrong.com/details





Formations™ Squares with Ultima® Tegular panels and 2" Axiom® Vector® trim



See more photos at:
armstrong.com/photogallery
SEARCH: formations

Easy-to-specify and install cloud system with pre-cut components and wide range of panel options.

KEY SELECTION ATTRIBUTES

- Ideal for acoustically challenged or open plenum spaces:
  - Reduce acoustical reverberation time in the space
  - Reduce noise levels in the space
  - Increase speech intelligibility
- Clouds appear to float
- Layouts and sizing for full-size panel installation
- Standard components for custom look

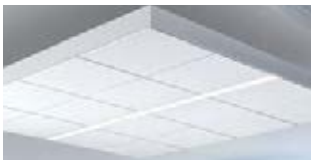
Formations Suspension and Axiom Trim Kits

- Axiom – made from extruded aluminum, offers better registration, handleability, and finished appearance vs. standard cold-rolled steel
- Axiom Vector – maintains a clean 1/4" Vector reveal at the perimeter when used within factory-finished panels
- Combines the Formations™ StrongBack™ mounting system with a sleek, strong aircraft cable system to recess the cable two feet away from the vertical face of the cloud, for a clean visual requiring fewer suspension hangers
- Tested for seismic installations
- Suspension Kits include:
  - Axiom Trim cut to length with factory-mitered corners
  - Unique Axiom for Formations Support Hanger carrying channel
  - Prelude® XL® suspension system components, cut to length
  - Appropriate amount of Axiom splices and T-Bar connectors
  - Aircraft cable and hardware for attachment to structure

Revit® is a registered trademark of Autodesk, Inc.,

FORMATIONS™
Acoustical and Accent Cloud Kits

STEP 1: START BY CHOOSING THE FORMATIONS™ ACCENT AND ACOUSTICAL CLOUD KITS THAT FIT YOUR PROJECT NEEDS.

Cloud Type	Description
	**Formations Curves** Soften and quiet any space by adding a few curves. • 12 suspension system/trim colors • 3 standard trim heights • 19 shapes and sizes
	**Formations Squares/Rectangles** A bold, captivating design option with outstanding sound absorption. • 12 suspension system/trim colors • 3 standard trim heights • 15 shapes and sizes
	**Formations Squares/Rectangles with Staggered Designs** Create visually interesting clouds the easy way. • 12 suspension system/trim colors • 3 standard trim heights • 78 shapes and sizes
	**Formations Squares/Rectangles with Plank Designs** Reduce the amount of visible suspension and create a sleek, clean look. • 12 suspension system/trim colors • 3 standard trim heights • 36 shapes and sizes
	**Formations Squares/Rectangles for Drywall** Improved floating visual compared to field constructed track and channeled clouds. • 3 standard trim heights • 21 shapes and sizes
	**Formations Squares/Rectangles with Integrated Lighting** Distribute safe, low-voltage direct current electrical power through the acoustical ceiling suspension system (grid) for more efficient lighting. • 2 standard trim heights • 3 suspension systems • 4 shapes and sizes
	**Formations Squares/Rectangles with DC FlexZone™** Distribute safe, low-voltage direct current (DC) electrical power through the acoustical ceiling suspension system (grid) for more efficient lighting. • 2 standard trim heights • 2 suspension systems • 12 shapes and sizes

FORMATIONS™
Acoustical and Accent Cloud Kits

STEP 2: SELECT A CEILING PANEL THAT WORKS WITH YOUR CLOUD

ACOUSTICAL PANELS Due to printing limitations, shade may vary from actual product

Curves / DC FlexZone™ / with Integrated Lighting
Optima®/Ultima® Tegular and Vector® Panels

Optima Tegular & Vector | Ultima Tegular & Vector

NOTE: Ultima and Optima Vector panels are the only available as factory-cut curved panels. Other 2' x 2' mineral fiber/ fiberglass panels may be used but may require field cutting.

Staggered & Planks
Optima Vector Panels

Optima Vector

Squares
Lyra™/Calla™/Optima/Ultima/Cirrus®/Cortega®/Dune™/Fine Fissured™ Tegular, Vector®, and Square Lay-in Panels



Calla Beveled Tegular & Square Lay-in | Lyra Tegular & Square Lay-in | Optima Tegular & Vector | Ultima Tegular & Vector | Cirrus Tegular | Dune Tegular | Fine Fissured Tegular | Cortega Tegular

MetalWorks™ Square Tegular and Vector Panels



Micro-perforated | Extra Micro-perforated | White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Custom Colors and Finishes Available



Effects™ Maple (FXMP) | Effects Cherry (FXCH) | Effects Dark Cherry (FXDC) | Effects Walnut (FXWN)

NOTE: Effects colors are only available for extra microperforated panels. Solid wood panels cannot be used in Formations clouds.

Ultima® Health Zone™ Create!™ Lay-in Panels



Bamboo (BA) | Barnwood (BW) | Light Cherry (LC) | Oak (OK) | Walnut (WN)

For more information on Create! panels visit armstrong.com/create

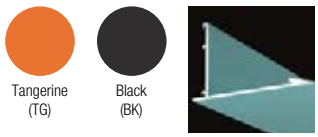
COLORATIONS™ COLORS



White (WH) | Shell (SH) | Pale Lemon (LM) | Pecan (PC) | Sky (SK) | Moss (MS)



Stone (SE) | Reef (RE) | Lagoon (LA) | Plum (PM) | Cranberry (CN) | Kiwi (KW)

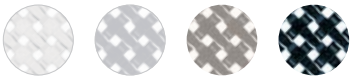


Tangerine (TG) | Black (BK)

Standard Colorations™ finishes available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system, and select Axiom® trim. Custom Sherwin-Williams® colors also available.

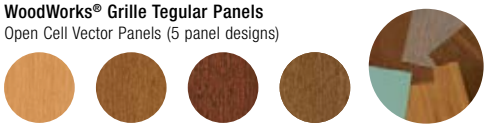
ACCENT PANELS Due to printing limitations, shade may vary from actual product.

Squares
MetalWorks™ Mesh™ Lay-in Panels



White (TWH) | Silver Grey (SG) | Gun Metal Grey (MY) | Tech Black (BL)

WoodWorks® Grille Tegular Panels
Open Cell Vector Panels (5 panel designs)



Grille Maple (GMP) | Grille Light Cherry (GLC) | Grille Dark Cherry (GDC) | Grille Walnut (GWN) | Custom Finishes Available

NOTE: For a complete list of panels, visit armstrong.com/metalworks; armstrong.com/woodworks

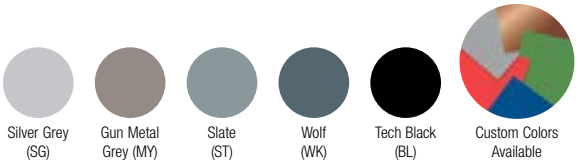
STEP 3: SELECT YOUR SUSPENSION SYSTEM AND TRIM COLORS

COLORS Due to printing limitations, shade may vary from actual product

Suspension System / Axiom® Trim Colors



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Vanilla (VA) | Platinum (PL) | Silver Satin (SA)

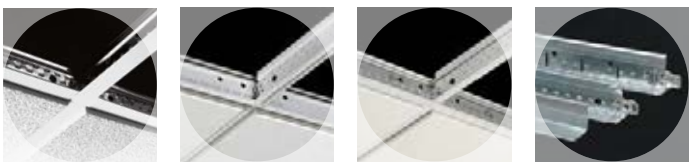


Silver Grey (SG) | Gun Metal Grey (MY) | Slate (ST) | Wolf (WK) | Tech Black (BL) | Custom Colors Available

Drywall **DC FlexZone**

Unfinished (UF) | White

SUSPENSION SYSTEMS



Prelude® 15/16" suspension system included in all kits (except Drywall or DC FlexZone)

DC FlexZone™ Silhouette® 1/4" Reveal 9/16" suspension system

DC FlexZone Suprafine® 9/16" suspension system

Drywall 1-1/2" suspension system

Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

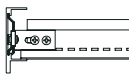
Armstrong®

FORMATIONS™
Acoustical and Accent Cloud Kits

STEP 4: SELECT YOUR AXIOM® TRIM PROFILE AND HEIGHT

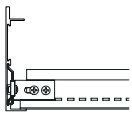
AXIOM® TRIM TYPES

Axiom® Vector® for Formations™



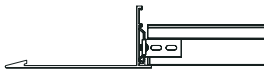
2", 4", and 6" heights

Axiom Vector (Inverted) for Formations

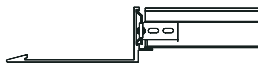


2", 4", and 6" heights

Axiom® Knife Edge® for Formations



Axiom Knife Edge Vector for Formations



AXIOM TRIM PROFILE OPTIONS



Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)



Vector panel with Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)



Tegular panel with inverted Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)



Tegular panel with Axiom for Formations Knife Edge for Vector Trim



Vector panel with Axiom for Formations Knife Edge for Vector Trim

ENSURE YOUR TRIM IS COMPATIBLE WITH YOUR CEILING PANEL CHOICE.

Compatible Ceiling Panels		Trim Choices:			
Edge Profile	**Panel**	**Axiom Vector**	**Axiom Vector (Inverted)**	**Axiom Knife Edge**	**Axiom Knife Edge Vector**
Formations Curves		Available in 2", 4", and 6" heights	Available in 2", 4", and 6" heights		
	Lay-in	–	•	–	–
	Optima®	–	–	–	–
	Square Tegular	•	–	–	–
	Optima	–	•	–	–
	Vector (Factory-cut)	•	–	–	–
Formations Squares					
	Lay-in	–	•	•	–
	Calla™ Beveled Tegular	•	•	•	•
	Lyra™ Beveled Tegular	•	•	•	•
	Optima Square Tegular	•	•	•	•
	Optima Vector	•	–	–	•
	Ultima® Beveled Tegular	•	•	•	•
	Ultima Vector	•	–	–	•
	Cirrus®/Cortega®/ Dune™/ Fine Fissured™ Angled Tegular	–	•	•	–

Compatible Ceiling Panels		Trim Choices:			
Edge Profile	**Panel**	**Axiom Vector**	**Axiom Vector (Inverted)**	**Axiom Knife Edge**	**Axiom Knife Edge Vector**
Formations Squares, continued		Available in 2", 4", and 6" heights	Available in 2", 4", and 6" heights		
	Ultima® Health Zone™ Create!™ Square Lay-in	–	•	•	–
	MetalWorks™ Square Tegular	•	•	•	•
	MetalWorks Vector	•	–	–	•
	WoodWorks® Grille Tegular	•	•	•	•
	WoodWorks Open Cell Vector	•	–	–	–
Formations Planks & Staggered					
	Optima Vector	•	–	–	–
Formations for Drywall					
	N/A	Axiom Drywall Trim			
Formations with DC FlexZone™					
	Optima Square Tegular	•*	–	–	–
	Ultima Beveled Tegular	•*	–	–	–

* 2" trim height not available with DC FlexZone

FORMATIONS™ Acoustical and Accent Cloud Kits – Circles

STEP 5: SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the special factory-cut curved Vector® panel kit number, and any extra cartons of the infill panels you may need.

Standard circle and rounded square clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector Trim.

EXAMPLE:

C4VES 0606C _ _

4" High Axiom Vector Trim	6' x 6' Cloud	Color Suffix*

Also order curved Optima® Vector® Panel Kit: 3970

Custom options available that include a wide range of Axiom trim and suspension system options.

* If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

Cloud Size		Suspension Kit Item No. (Axiom Trim & Suspension System)
Curves		15/16" Prelude
6'	Circle	**C _ VES0606C _ _**
6' x 8'	Oval	**C _ VES0608 _ _**
6' x 10'	Oval	**C _ VES0610 _ _**
6' x 12'	Oval	**C _ VES0612 _ _**
6' x 14'	Oval	**C _ VES0614 _ _**
8'	Circle	**C _ VES0808C _ _**
8' x 8'	Rounded Square	**C _ VES0808 _ _**
8' x 10'	Rounded Square	**C _ VES0810 _ _**
8' x 12'	Rounded Square	**C _ VES0812 _ _**
8' x 14'	Rounded Square	**C _ VES0814 _ _**
new 10'	Circle	**C _ VES1010C _ _**
10' x 10'	Rounded Square	**C _ VES1010 _ _**
10' x 12'	Rounded Square	**C _ VES1012 _ _**
10' x 14'	Rounded Square	**C _ VES1014 _ _**
new 11'-5"	Circle	**C _ VES1212C _ _**
12' x 12'	Rounded Square	**C _ VES1212 _ _**
12' x 14'	Rounded Square	**C _ VES1214 _ _**
new 14'	Circle	**C _ VES1414C _ _**
14' x 14'	Rounded Square	**C _ VES1414 _ _**

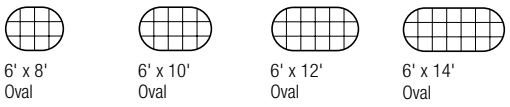
PANEL SELECTION

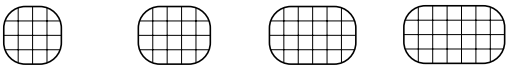
Optima Vector Factory-cut Curved Panels		
Kit No.	Cartons Required	Required Extra Item 3900 2' x 2' (Ctns)
3970	1	0
3971	1	1
3971	1	1
3971	1	1
3971	1	1
3971	1	1
3973	1	1
3972	1	1
3972	1	1
3972	1	1
3972	1	2
3974	2	1
3972	1	2
3972	1	2
3972	1	2
3975	2	2
3972	1	2
3972	1	3
3976	2	3
3972	1	4

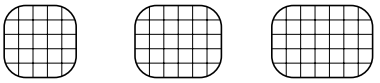
Ultima® Vector Factory-cut Curved Panels		
Kit No.	Cartons Required	Required Extra Item 1920 2' x 2' (Ctns)
1970	1	0
1971	1	1
1971	1	1
1971	1	1
1971	1	1
1973	1	1
1972	1	1
1972	1	1
1972	1	1
1972	1	2
1974	2	1
1972	1	2
1972	1	2
1972	1	2
1975	2	2
1972	1	2
1972	1	3
1976	2	3
1972	1	4

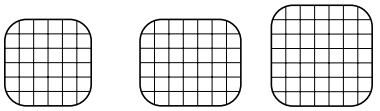
CLOUD SHAPE AND SIZE SELECTION

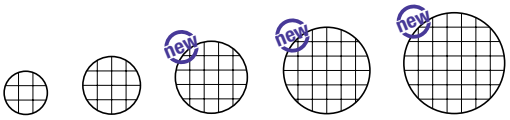
Curves



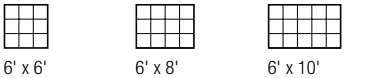


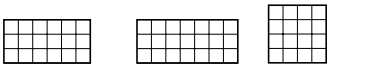


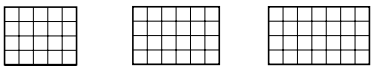


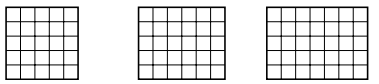


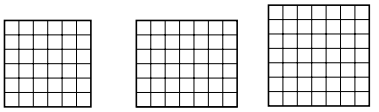
Squares











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FORMATIONS™ Acoustical and Accent Cloud Kits – Squares & Rectangles

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LEED® Applies to standard kits only

energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

STEP 5 (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item number.

Standard square and rectangle clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® Trim, Axiom® Knife Edge® Tegular or Vector Trim.

EXAMPLE:

C4VES 0606C _ _

4" High Axiom Vector Trim	6' x 6' Cloud	Color Suffix*

Also order square Optima® Vector Panel Kit: 3900 (2' x 2' panels – 1 carton).

Custom options available that include a wide range of Axiom trim and suspension system options.

* If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

Cloud Size	Axiom Profile	Suspension Kit Item No. (Axiom Trim & Suspension System)
Squares/Rectangles		15/16" Prelude
6' x 6'	Vector	**C _ VEA0606 _ _**
	Knife Edge Tegular	**CKETA0606 _ _**
	Knife Edge Vector	**CKEVA0606 _ _**
6' x 8'	Vector	**C _ VEA0608 _ _**
	Knife Edge Tegular	**CKETA0608 _ _**
	Knife Edge Vector	**CKEVA0608 _ _**
6' x 10'	Vector	**C _ VEA0610 _ _**
	Knife Edge Tegular	**CKETA0610 _ _**
	Knife Edge Vector	**CKEVA0610 _ _**
6' x 12'	Vector	**C _ VEA0612 _ _**
	Knife Edge Tegular	**CKETA0612 _ _**
	Knife Edge Vector	**CKEVA0612 _ _**
6' x 14'	Vector	**C _ VEA0614 _ _**
	Knife Edge Tegular	**CKETA0614 _ _**
	Knife Edge Vector	**CKEVA0614 _ _**
8' x 8'	Vector	**C _ VEA0808 _ _**
	Knife Edge Tegular	**CKETA0808 _ _**
	Knife Edge Vector	**CKEVA0808 _ _**
8' x 10'	Vector	**C _ VEA0810 _ _**
	Knife Edge Tegular	**CKETA0810 _ _**
	Knife Edge Vector	**CKEVA0810 _ _**
8' x 12'	Vector	**C _ VEA0812 _ _**
	Knife Edge Tegular	**CKETA0812 _ _**
	Knife Edge Vector	**CKEVA0812 _ _**
8' x 14'	Vector	**C _ VEA0814 _ _**
	Knife Edge Tegular	**CKETA0814 _ _**
	Knife Edge Vector	**CKEVA0814 _ _**
10' x 10'	Vector	**C _ VEA1010 _ _**
	Knife Edge Tegular	**CKETA1010 _ _**
	Knife Edge Vector	**CKEVA1010 _ _**
10' x 12'	Vector	**C _ VEA1012 _ _**
	Knife Edge Tegular	**CKETA1012 _ _**
	Knife Edge Vector	**CKEVA1012 _ _**
10' x 14'	Vector	**C _ VEA1014 _ _**
	Knife Edge Tegular	**CKETA1014 _ _**
	Knife Edge Vector	**CKEVA1014 _ _**
12' x 12'	Vector	**C _ VEA1212 _ _**
	Knife Edge Tegular	**CKETA1212 _ _**
	Knife Edge Vector	**CKEVA1212 _ _**
12' x 14'	Vector	**C _ VEA1214 _ _**
	Knife Edge Tegular	**CKETA1214 _ _**
	Knife Edge Vector	**CKEVA1214 _ _**
14' x 14'	Vector	**C _ VEA1414 _ _**
	Knife Edge Tegular	**CKETA1414 _ _**
	Knife Edge Vector	**CKEVA1414 _ _**

PANEL SELECTION

Optima Vector Panels	Ultima® Vector Panels	Optima Tegular Panels	Ultima Tegular Panels
Item 3900 (Ctns)	Item 1920 (Ctns)	Items 3250, 3354, 3253 (Ctns)	Item 1911 (Ctns)
1	1	1**	1**
–	–	1	1
1	1	–	–
1	1	1**	1**
–	–	1	1
1	1	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	2**
–	–	1	2
2	2	–	–
2	2	1**	3**
–	–	1	3
2	2	–	–
2	3	2**	3**
–	–	2	3
2	3	–	–
3	3	2**	3**
–	–	2	3
3	3	–	–
3	3	2**	3**
–	–	2	3
3	3	–	–
3	3	2**	3**
–	–	2	3
3	3	–	–
4	4	2**	4**
–	–	2	4
4	4	–	–
5	5	3**	5**
–	–	3	5
5	5	–	–

** These items use Axiom for Formations Vector Trim (inverted).

MORE PANEL OPTIONS

Place these panel orders with Armstrong Customer Service – 1 877 276 7876

Panel options featured on pg. 19

Calla™
Cirrus®
Cortega®
Dune™
Fine Fissured™
Lyra™
Ultima® Health Zone™ Create!™
MetalWorks™ Tegular
MetalWorks™ Vector®
MetalWorks™ Mesh™
WoodWorks® Grille Tegular
WoodWorks Open Cell

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FORMATIONS™ Acoustical and Accent Cloud Kits – Staggered

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LEED® Applies to standard kits only

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

▲ LOCATION DEPENDENT

STEP 5 (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item numbers.

Standard staggered clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® Trim.

EXAMPLE:

0606 V2A 1222V _ _

6' x 6' Cloud	2" High Axiom Vector Trim	1' x 2' / 2' x 2' Optima Vector Panels	Color Suffix*

Also order staggered Optima® Vector Panel Kits: 3903 (1' x 2' panels – 1 carton) and 3900 (2' x 2' panels – 1 carton).

* If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

Cloud Size	Suspension Kit Item No. (Axiom Trim & Suspension System)
Staggered	15/16" Prelude
6' x 6'	**0606V _ A _ _ _ _ V _ _**
6' x 8'	**0608V _ A _ _ _ _ V _ _**
6' x 10'	**0610V _ A _ _ _ _ V _ _**
6' x 12'	**0612V _ A _ _ _ _ V _ _**
6' x 14'	**0614V _ A _ _ _ _ V _ _**
6' x 16'	**0616V _ A _ _ _ _ V _ _**
8' x 6'	**0806V _ A _ _ _ _ V _ _**
8' x 8'	**0808V _ A _ _ _ _ V _ _**
8' x 10'	**0810V _ A _ _ _ _ V _ _**
8' x 12'	**0812V _ A _ _ _ _ V _ _**
8' x 14'	**0814V _ A _ _ _ _ V _ _**
8' x 16'	**0816V _ A _ _ _ _ V _ _**
10' x 6'	**1006V _ A _ _ _ _ V _ _**
10' x 8'	**1008V _ A _ _ _ _ V _ _**
10' x 10'	**1010V _ A _ _ _ _ V _ _**
10' x 12'	**1012V _ A _ _ _ _ V _ _**
10' x 14'	**1014V _ A _ _ _ _ V _ _**
10' x 16'	**1016V _ A _ _ _ _ V _ _**
12' x 6'	**1206V _ A _ _ _ _ V _ _**
12' x 8'	**1208V _ A _ _ _ _ V _ _**
12' x 10'	**1210V _ A _ _ _ _ V _ _**
12' x 12'	**1212V _ A _ _ _ _ V _ _**
12' x 14'	**1214V _ A _ _ _ _ V _ _**
12' x 16'	**1216V _ A _ _ _ _ V _ _**
16' x 6'	**1606V _ A _ _ _ _ V _ _**
16' x 8'	**1608V _ A _ _ _ _ V _ _**
16' x 10'	**1610V _ A _ _ _ _ V _ _**
16' x 12'	**1612V _ A _ _ _ _ V _ _**
16' x 14'	**1614V _ A _ _ _ _ V _ _**
16' x 16'	**1616V _ A _ _ _ _ V _ _**

PANEL SELECTION

Optima Vector Panels		
1' x 2' / 2' x 2'	2' x 2' / 2' x 4'	2' x 4' / 2' x 8'
Item 3903 / 3900 (Ctns)	Item 3900 / 3908 (Ctns)	Item 3908 / 3907 (Ctns)
1 / 1	1 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
2 / 2	1 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
2 / 2	2 / 2	–
2 / 2	2 / 1	–
2 / 2	2 / 1	–
1 / 1	1 / 1	–
1 / 1	1 / 1	–
2 / 2	2 / 1	–
2 / 2	2 / 2	–
2 / 2	2 / 2	–
2 / 2	2 / 2	–
1 / 1	1 / 1	–
2 / 2	1 / 1	–
2 / 2	2 / 2	–
2 / 2	2 / 2	–
2 / 2	2 / 2	–
3 / 3	2 / 2	–
2 / 2	2 / 2	1 / 1
2 / 2	2 / 2	2 / 2
2 / 2	3 / 2	2 / 2
3 / 3	3 / 2	2 / 2
3 / 3	3 / 2	2 / 2
3 / 3	1 / 1	2 / 2

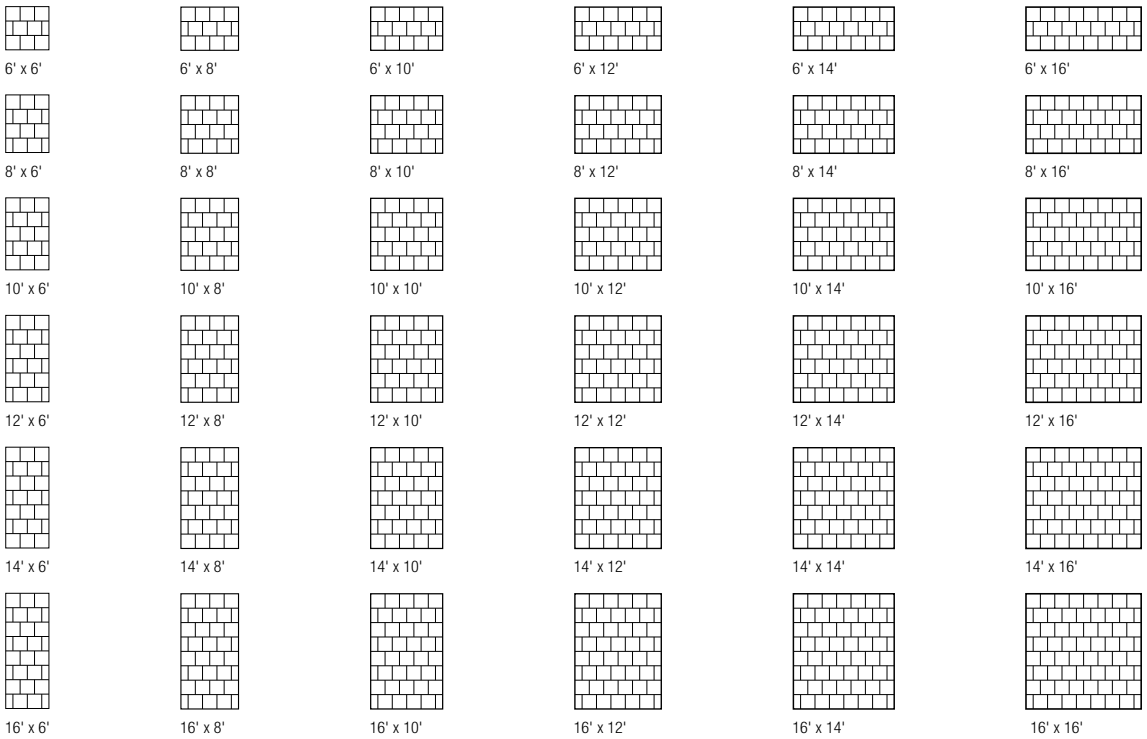
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Armstrong®

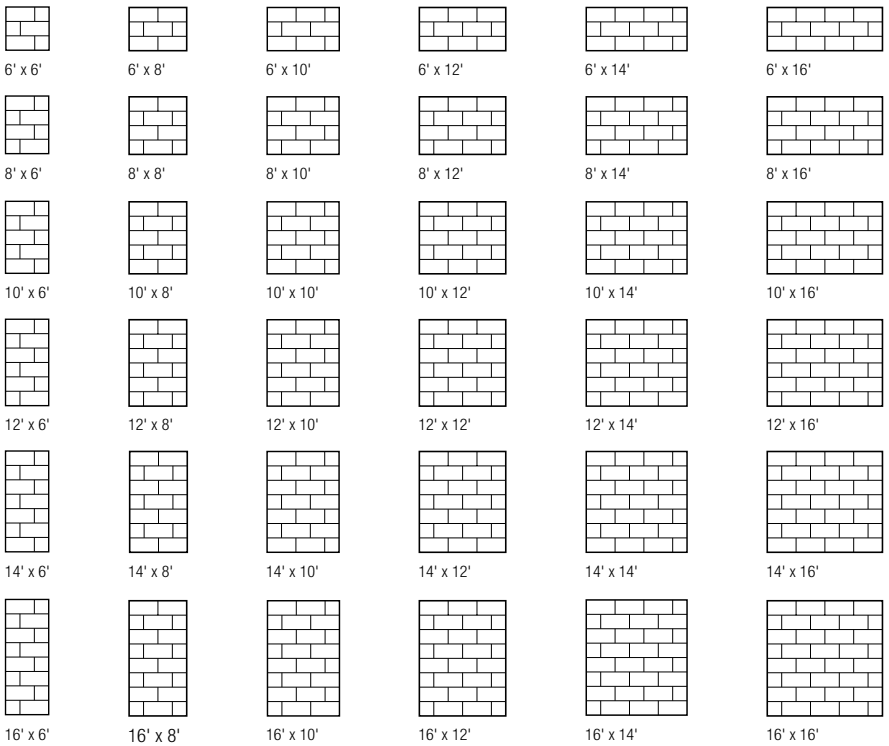
FORMATIONS™ Acoustical and Accent Cloud Kits – Staggered

STAGGERED CLOUD SHAPE AND SIZE SELECTION

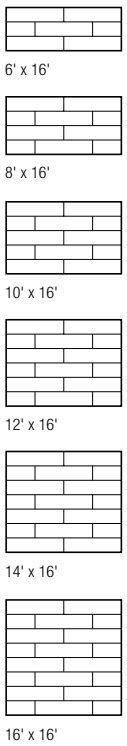
1' X 2' / 2' X 2' PANELS



2' X 2' / 2' X 4' PANELS



2' X 4' / 2' X 8' PANELS



FORMATIONS™ Acoustical and Accent Cloud Kits – Planks

77% ULTIMA 71% OPTIMA RECYCLED CONTENT

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energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

STEP 5 (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item number.

Standard plank clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® Trim.

EXAMPLE:

1210 V4P 26V _ _

12' x 10' Cloud	4" High Axiom Vector Trim	2' x 6' Optima Vector Panels	Color Suffix*

Also order plank Optima Vector Panel Kit: 3906 (2' x 6' – 1 carton).

* If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

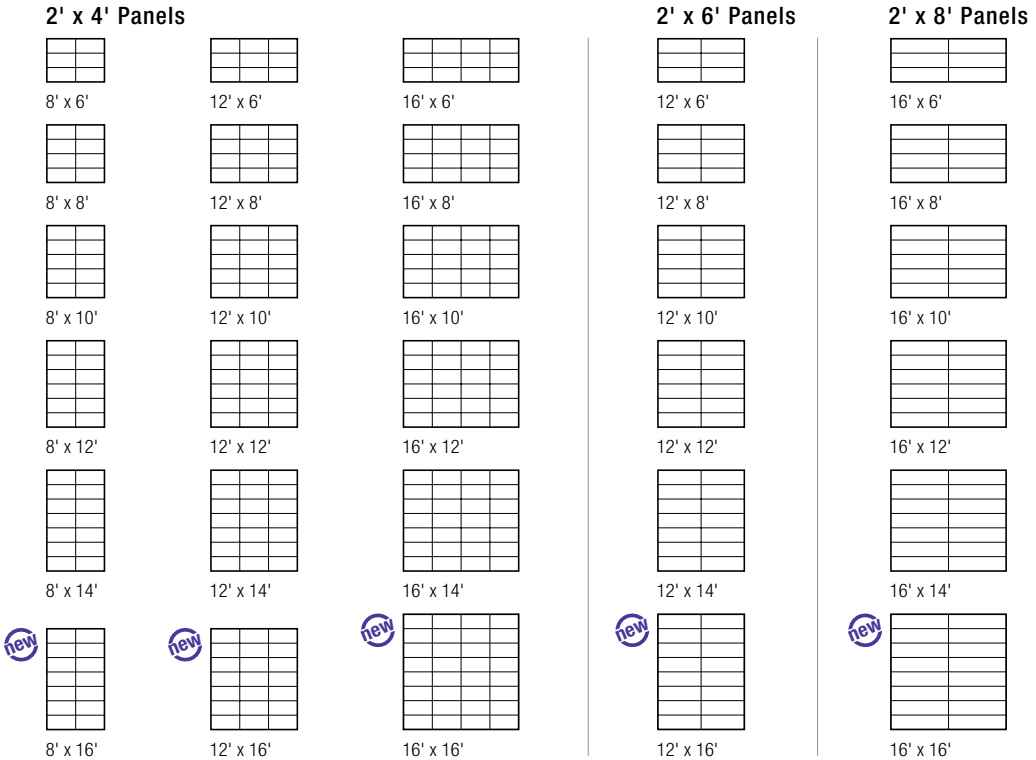
VISUAL SELECTION

Cloud Size	Suspension Kit Item No. (Axiom Vector Trim & Suspension System)
Planks	15/16" Prelude
8' x 6'	**0806V _ P24V _ _**
8' x 8'	**0808V _ P24V _ _**
8' x 10'	**0810V _ P24V _ _**
8' x 12'	**0812V _ P24V _ _**
8' x 14'	**0814V _ P24V _ _**
8' x 16'	**0816V _ P24V _ _**
12' x 6'	**1206V _ P _ _ V _ _**
12' x 8'	**1208V _ P _ _ V _ _**
12' x 10'	**1210V _ P _ _ V _ _**
12' x 12'	**1212V _ P _ _ V _ _**
12' x 14'	**1214V _ P _ _ V _ _**
12' x 16'	**1216V _ P _ _ V _ _**
16' x 6'	**1606V _ P _ _ V _ _**
16' x 8'	**1608V _ P _ _ V _ _**
16' x 10'	**1610V _ P _ _ V _ _**
16' x 12'	**1612V _ P _ _ V _ _**
16' x 14'	**1614V _ P _ _ V _ _**
16' x 16'	**1616V _ P _ _ V _ _**

PANEL SELECTION

Optima® Vector® Panels		
2' x 4'	2' x 6'	2' x 8'
Item 3908 (Ctns)	Item 3906 (Ctns)	Item 3907 (Ctns)
1	–	–
1	–	–
1	–	–
2	–	–
2	–	–
2	–	–
1	2	1
2	2	2
2	2	2
2	3	2
2	3	2
3	3	3
2	–	2
2	–	2
2	–	2
3	–	3
3	–	3
3	–	3

PLANKS CLOUD SHAPE AND SIZE SELECTION



LEED® is a registered trademark of the US Green Building Council

FORMATIONS™ for Drywall

25% STEEL 50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® Applies to suspension and trim

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓	✓				

▲ LOCATION DEPENDENT



Formations Drywall Clouds – 10' x 14' with 6" Axiom® one-piece Perimeter Trim

This pre-engineered drywall cloud kit looks great every time.

KEY SELECTION ATTRIBUTES

- Pre-cut suspension system components, perimeter trim, and easy-to-adjust aircraft hanging cables make assembly and installation fast and easy
- Perimeter trim integrates with 5/8" thick drywall. (not included in kit)
- Improved floating visual compared to black iron and hat channel built drywall clouds

TYPICAL APPLICATIONS

- Auditoriums
- Performance venues
- Open plenum spaces

COLOR

Unfinished (UF)

STEP 5 (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number. Formations Drywall cloud kits are only compatible with 5/8" thick drywall.

Standard drywall cloud kits feature your choice of 2", 4", or 6" high Unfinished Axiom Drywall Trim for easy on-site painting.

EXAMPLE:

0404D A1P6UF

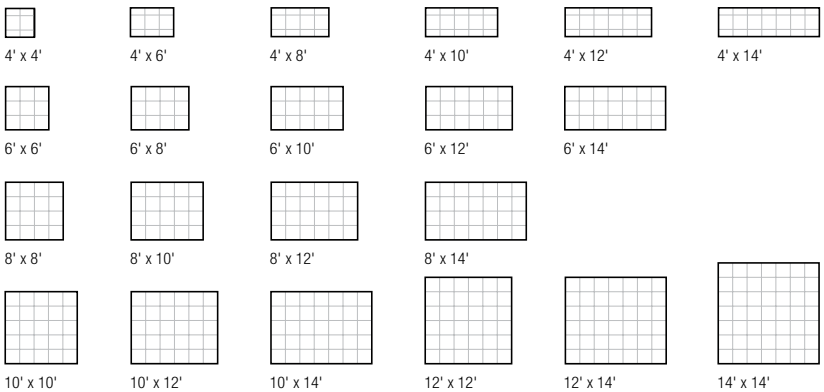
4' x 4' Drywall Cloud	6" High Axiom One-piece Drywall Trim Unfinished

VISUAL SELECTION

Cloud Size	Suspension Kit Item No. (Axiom Trim & Suspension System)
Drywall	1-1/2" Drywall Grid
4' x 4'	**0404DA1P_ UF**
4' x 6'	**0406DA1P_ UF**
4' x 8'	**0408DA1P_ UF**
4' x 10'	**0410DA1P_ UF**
4' x 12'	**0412DA1P_ UF**
4' x 14'	**0414DA1P_ UF**
6' x 6'	**0606DA1P_ UF**
6' x 8'	**0608DA1P_ UF**
6' x 10'	**0610DA1P_ UF**
6' x 12'	**0612DA1P_ UF**
6' x 14'	**0614DA1P_ UF**

Cloud Size	Suspension Kit Item No. (Axiom Trim & Suspension System)
Drywall	1-1/2" Drywall Grid
8' x 8'	**0808DA1P_ UF**
8' x 10'	**0810DA1P_ UF**
8' x 12'	**0812DA1P_ UF**
8' x 14'	**0814DA1P_ UF**
10' x 10'	**1010DA1P_ UF**
10' x 12'	**1012DA1P_ UF**
10' x 14'	**1014DA1P_ UF**
12' x 12'	**1212DA1P_ UF**
12' x 14'	**1214DA1P_ UF**
14' x 14'	**1414DA1P_ UF**

DRYWALL CLOUD SHAPE AND SIZE SELECTION



LEED® is a registered trademark of the US Green Building Council

FORMATIONS™ with DC FLEXZONE™

Acoustical Clouds

77% ULTIMA 71% OPTIMA RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® Applies to standard kits only

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		▲ LOCATION DEPENDENT										



Formations™ Squares and Rectangles with Ultima® Tegular Panels and Axiom® for Formations 4" and 6" Trim

This pre-engineered acoustical cloud is integrated with DC FlexZone™ suspension system, Axiom® trim, and DC lighting control system.

KEY SELECTION ATTRIBUTES

- Ideal for open plenum spaces or acoustically challenged space. Clouds reduce acoustical reverberation time and noise levels while increasing speech intelligibility.
- Formations™ cloud kits include aircraft cables and StrongBack™ suspension system for reduced suspension visibility and improved floating visual

TYPICAL APPLICATIONS

- Sustainable buildings of all types

COLOR

White

STEP 5 (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the panel item number you select, and any lighting or control options you choose to include.

Standard DC FlexZone clouds feature DC FlexZone 9/16" Suprafine® or Silhouette® 1/4" Reveal suspension system and your choice of 4" or 6" high Axiom® Vector® Trim.

EXAMPLE:

DC1014	TSL	AV4
10' x 14' Cloud	Silhouette 1/4" Reveal	4" High Axiom Vector Trim

Also order Ultima® Panel Kit: 1912 (2' x 2' – 3 cartons).

Order compatible lighting, power supply, cables, and controls through DC FlexZone partner sites.

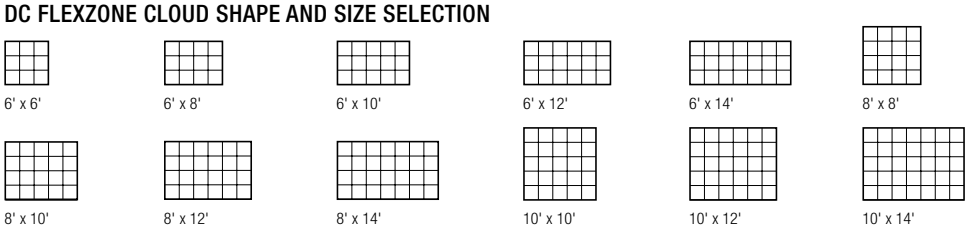
VISUAL SELECTION

Cloud Size	Suspension Kit Item No. (Axiom Trim & Suspension System)	
DC FlexZone	9/16" Silhouette 1/4" Reveal	9/16" Suprafine
6' x 6'	**DC0606TSLAV _**	**DC0606TSFAV _**
6' x 8'	**DC0608TSLAV _**	**DC0608TSFAV _**
6' x 10'	**DC0610TSLAV _**	**DC0610TSFAV _**
6' x 12'	**DC0612TSLAV _**	**DC0612TSFAV _**
6' x 14'	**DC0614TSLAV _**	**DC0614TSFAV _**
8' x 8'	**DC0808TSLAV _**	**DC0808TSFAV _**
8' x 10'	**DC0810TSLAV _**	**DC0810TSFAV _**
8' x 12'	**DC0812TSLAV _**	**DC0812TSFAV _**
8' x 14'	**DC0814TSLAV _**	**DC0814TSFAV _**
10' x 10'	**DC1010TSLAV _**	**DC1010TSFAV _**
10' x 12'	**DC1012TSLAV _**	**DC1012TSFAV _**
10' x 14'	**DC1014TSLAV _**	**DC1014TSFAV _**

PANEL SELECTION

Optima® Tegular Panels	Ultima Tegular Panels
Item 3251 (Ctns)	Item 1912 (Ctns)
1	1
1	1
1	2
1	2
1	2
1	2
1	2
1	2
2	3
1	3
2	3
2	3

DC FLEXZONE CLOUD SHAPE AND SIZE SELECTION



CLOUDS & CANOPIES

LEED® is a registered trademark of the US Green Building Council

Armstrong®

FORMATIONS™ with DC FLEXZONE™

Acoustical Clouds

DC FLEXZONE™ COMPATIBLE POWER SUPPLY, CABLES, LIGHTING, AND CONTROLS

Cloud Size	Power Supply[1]	Power Cables[2]	Lights[3]	Controls
DC FlexZone	(Qty)	(Qty)		
6' x 6'	1	2	1	Design by Others
6' x 8'	1	2	1	Design by Others
6' x 10'	1	2	2	Design by Others
6' x 12'	1	2	2	Design by Others
6' x 14'	1	2	2	Design by Others
8' x 8'	1	2	2	Design by Others
8' x 10'	1	2	2	Design by Others
8' x 12'	1	2	2	Design by Others
8' x 14'	1	3	3	Design by Others
10' x 10'	1	2	2	Design by Others
10' x 12'	1	4	4	Design by Others
10' x 14'	1	4	4	Design by Others

1 Recommend specifying a Roal Electronics 4-channel Safe Energy Server.

2 Recommend specifying TE Connectivity 10' power feed cable assemblies.

3 Recommend specifying this quantity of lighting fixtures, each with a 5' TE load device cable assembly.

* All electrical devices shall be ordered from the electrical manufacturer and through normal electrical distribution channels.

All electrical items and quantities are strictly recommendations. All electrical devices shall be Armstrong® DC FlexZone™ suspension system compatible. Armstrong does not warrant, and assumes no liability for the accuracy, completeness, or performance of another manufacturer's product. The Specifier is advised to consult with a duly licensed engineering or lighting designer in the particular locale of the installation to assume compliance with all legal requirements for the electrical design and layout.

For sample DC FlexZone for Formations layouts with compatible lighting and controls, visit www.armstrong.com/dcflexzone

DC FLEXZONE COMPATIBLE PARTNERS

Products from each of the categories below need to be specified and ordered separately for a complete DC FlexZone Formations Cloud. Armstrong provides the DC FlexZone suspension system and ceiling panels.

The other product categories are provided by our DC FlexZone compatible partners through their normal electrical channels. For more information on DC FlexZone compatible partners' products, visit www.armstrong.com/dcflexzone.

Lighting Partners	Lighting Fixtures
Acuity Brands	**Lithonia Lighting®** AC Series LED – 2' x 2', 2' x 4' T Series LED – 2' x 2', 2' x 4' RT Series LED – 2' x 2', 2' x 4' VT Series LED – 2' x 2', 2' x 4' AL Series LED – 2' x 2', 2' x 4' Shadow Box Square Series LED – 2' x 2', 2' x 4' DoM™ Downlight
	Gotham® EVO® Downlight
	Peerless® Mino Luminaire
Cooper Lighting	**Recessed Fluorescent** Metalux® Accord™ – 2' x 2', 2' x 4' Metalux Ovation™ – 2' x 2', 2' x 4' Neo-Ray™ Fenestra – 272 / 274 Neo-Ray Luminous HE 282/284

Lighting Partners	Lighting Fixtures
JLC Tech	**LED** T-BAR LED Smartlight™ – 2' and 4'
Osram Sylvania	**Recessed LED** RLC22 - 2' x 2' RLS22 - 2' x 2'
Philips Day-Brite	**Recessed Fluorescent** SofTrace - 2' x 2' Attune - 2' x 4'
Philips Lightolier	**Fluorescent Downlight** Calculite® 6" Downlight

DC FlexZone Compatible Power Partners	
Roal Living Energy	4 Channel Safe Energy Server
Nextek	16 Channel Power Supply Module

DC FlexZone Compatible Cable Partners	
TE Connectivity	5, 10, 15, 20, 25, 30 Foot Power Feed Cables
Encelium	

DC FlexZone Compatible Control Partners

Acuity Brands

Crestron

Ideal

All company and product names are trademarks, registered trademarks, or service marks of their respective owners.

FORMATIONS™ with Integrated Lighting

Acoustical Clouds

PHILIPS LEDALITE® – TRUGROOVE LED RECESSED LIGHTING OVERVIEW



The epitome of simple sophistication – TruGroove LED lighting in Formations™ clouds provides unrivaled performance and a truly innovative design.

SPECIFY YOUR COMPATIBLE LEDALITE LIGHTING FIXTURE

Family	Version	Distribution	Source	Color Temp	Lumen Package	Optics	Housing	Ceiling / Trim	Run Length/ Size	Wiring Type	Voltage	Ballast/ Driver
39	S	1	L	A	G	Q	S	5	6'	1	2	E
TruGroove Recessed	Stand-alone	**Performance Distribution** **1** Symmetric **Definition Distribution** **0** Symmetric	**L** LED	**A** 4000K **B** 3500K **C** 3000K	**E** 3000 lm/4 ft **G** 2200 lm/4 ft **K** 1500 lm/4 ft	**Performance Optics** **Q** Flush MesoOptics **R** Regressed MesoOptics **Definition Optics** **L** Flush Silk **M** Regressed Silk	**S** Standard	**5** Armstrong Cloud	**6'** 5' 11-7/8" o.a. **8'** 7' 11-7/8" o.a. **10'** 9' 11-7/8" o.a.	**1** 1 cct **3** 1 cct w/ emergency **7** 1 cct dimming	**1** 120V **2** 277V **3** 347V	**E** Standard

Contact your Philips lighting representative to order. For questions about lighting specifications:
Call: Philips Ledalite quotations at 604.888.6811 or
Email: quotes.ledalight@philips.com (Reference: Armstrong® Clouds)

SPECIFY YOUR COMPATIBLE LEDALITE LIGHTING FIXTURE

Example based on 2200 lm (nominal per 4'), 4000K

Total Output	2187 lm
Efficacy	78.4 lm/W
CCT	4039K
CRI	84
R9	17
Distribution	0% Up / 100% Down
Spacing Criteria (0/90/180°)	1.41/1.75/NA

Meets RP-1-04 recommendations for VDT-Normal spaces

Values per 4 ft unit

Fixture photometry has been conducted by an NVLAP accredited testing laboratory in accordance with IESNA LM-79:2008

Lumen maintenance of the LEDs has been tested by the manufacturer in accordance with IESNA LM-80:2008

IES files for this and other photometric options can be downloaded online at www.ledalite.com

TRUGROOVE PHYSICAL DATA

Housing
Die-formed 20 gauge cold-rolled steel. Multiple upper wire entrances available for continuous row mounting of fixtures.

Weight
Maximum 3.5 lbs/ft.

Optical System
Performance version: White light emitted from the LED sources is internally reflected and laterally redirected by a biconvex lens. Light is then reflected by Miro Silver panels and exits through the optical lens assembly. This assembly contains acrylic extrusion profiles to retain a layer of MesoOptics film, creating both an uninterrupted continuum of light and an optical batwing distribution.

Definition version: Light passes through a diffuse white acrylic lens to deliver a highly uniform luminous continuum.

Standard Driver
Dimming: 0-10V, 5-100%. Output is Class 2 rated.

Lumen Maintenance
At an ambient temperature of 25°C in non-insulated contact applications, the LED lumen maintenance expectation for each lumen package is:

K: L80 (12k) 71,000 hrs

G: L80 (12k) 68,000 hrs

E: L80 (12k) 54,000 hrs

Mounting
Mounting brackets on housing sides support T-Grid installation. 1/16" diameter aircraft cable with self-locking, tamper-resistant, miniature cable gripper provides vertical adjustment for drywall. Aircraft cable, crimp and gripper independently tested to meet stringent safety requirements.

TRUGROOVE ELECTRICAL SPECIFICATIONS

Input Voltage	120V	277V
Input Voltage	27.9W	27.9W
Input Current	0.237A	0.115A
Power Factor	0.983	
Total Harm. Distortion	16.5%	

Joints
Self-aligning joining system with hands-free pre-joining wire access.

Electrical
Factory pre-wired to section ends with quick-wire connectors.

Approvals
Certified to UL, CSA, and IES standards. Insulation Contact (IC) rated.

Finish
Extruded aluminum trim and die-cast end plates coated with electrostatically applied and thermally cured polyester powder coat paint finish.

Environment
Rated for dry or damp locations in operating ambient temperatures 0-40°C (32-104°F).

Phillips Ledalite® is a registered trademark of Royal Philips Electronics, Koninklijke Philips N.V.

FORMATIONS™ with Integrated Lighting

Acoustical Clouds

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the panel item number, and the Philips Ledalite light fixture you select.

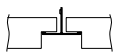
EXAMPLE:

L0608T _ _ * A V _ _ _

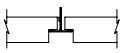
6' x 8' Cloud	Susp. System	6" or 8" Axiom Vector height	Color Suffix

* PD = Prelude 15/16"
  SF = Suprafine 9/16"
  LD = Interlude XL HRC 9/16"

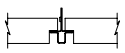
All clouds come in the color White.
All clouds have a 4" wide opening in the center specifically designed for the integration of a Philips Ledalite TruGroove LED fixture.



Prelude® – 15/16"



Suprafine® – 9/16"



Interlude® XL® HRC – 9/16"

View installation videos or download CAD, Revit®, and SketchUp™ files at armstrong.com/formations

VISUAL SELECTION

Cloud Size	Suspension Kit Item No. (Axiom® Vector Trim & Suspension System)
6' x 8'	**L0608T_ _AV_ _ _**
8' x 8'	**L0808T_ _AV_ _ _**
8' x 10'	**L0810T_ _AV_ _ _**
* 10' x 10'	**L1010T_ _AV_ _ _**

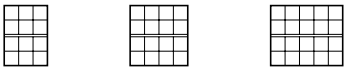
PANEL SELECTION

	Optima® Beveled Tegular Panels		Ultima® Beveled Tegular Panels		Calla™ Beveled Tegular Panels		Lyra™ Square Tegular Panels	
	2' x 2'		2' x 2'		2' x 2'		2' x 2'	
	15/16"	9/16"	15/16"	9/16"	15/16"	9/16"	15/16"	9/16"
6' x 8'	3354	3251	1911	1912	2822	2824	8360	8361
8' x 8'	3354	3251	1911	1912	2822	2824	8360	8361
8' x 10'	3354	3251	1911	1912	2822	2824		
	30" x 30"		30" x 30"		30" x 30"		30" x 30"	
* 10' x 10'	3258		1905		–		–	

* 10' x 10' Formations Clouds must use 9/16" suspension system only (Suprafine or Interlude XL HRC)

PLANKS CLOUD SHAPE AND SIZE SELECTION

2' x 2' Panels



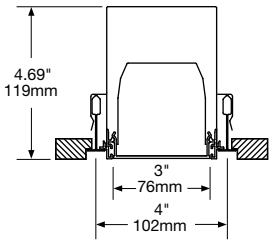
6' x 8' 8' x 8' 8' x 10'

30" x 30" Panels

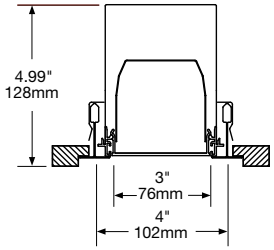


10' x 10'

CEILING PANEL / SUSPENSION SYSTEM / LIGHT FIXTURE INTERFACE



Armstrong Suprafine 9/16" suspension system with Philips Ledalite TruGroove LED Light



Armstrong Prelude 15/16" suspension system with Philips Ledalite TruGroove LED Light

SketchUp® is a registered trademark of Trimble Navigation Limited
Revit® is a registered trademark of Autodesk, Inc.

INFUSIONS®
Accent Canopies



Infusions® Accent Canopies 24" x 72" panels in Indigo Surf with side-to-side linking kits

Playful Infusions® canopies come in a variety of translucent textures and finishes create custom looks with standard kits.

KEY SELECTION ATTRIBUTES

- Define spaces, accentuate an area, provide focus, or create ceiling artwork
- Mix and match sizes and shapes
- Standard components allow you to create custom configurations
- Suspend individually or in groups
- Lighting can enhance the impact of canopies
- Strong, impact-resistant edges
- Installation is fast and simple – no special tools required



See more photos at:
armstrong.com/photogallery
SEARCH: infusions canopies

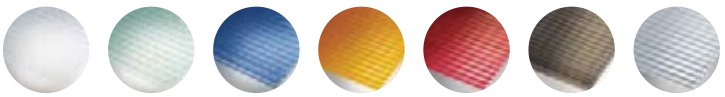
For Infusions panels and sheets, see pages 143-146.
For Infusions® Blades – Concepts™, see pages 53-54.
For Infusions Shapes, see pages 33-34.
For Infusions Wings, see page 35.
For Infusions Walls, see pages 349-350.

For more information, visit armstrong.com/infusions.

24" X 60", 24" X 72" COLORS

Due to printing limitations, shade may vary from actual product.

Channeled



Channeled Mist (CHT)* | Channeled Caribbean (CHC)* | Channeled Midnight (CHM)* | Channeled Sunset (CHS)* | Channeled Fire (CHF)* | Channeled Vision (CHV) | Channeled Intellect (CHN)

Alloy



Simplicity Alloy (MSA)

Goldtones



Honey Canvas (THC) | Spun Copper (TSC) | Crushed Copper (TCC)

Linen



Linen Gold (TLG) | Natural Linen (TNL)† | Blue Linen (TBL)†

Crystallines



Crystalline Silverado (TSV) | Crystalline Focus (TCR) | Crystalline Sky (TSY)

Tones-on-tones



Chalk Folio (TCF) | White Circlets (TWC) | Silver Orbit (TSR) | Indigo Surf (TNS)

Arbors

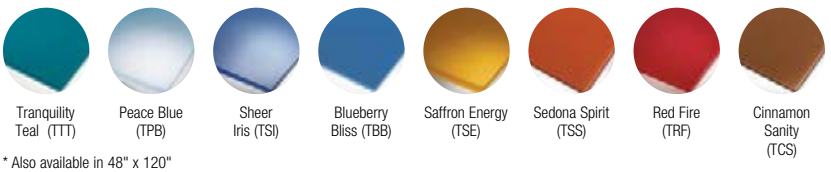


Clear Arbor (TCA) | Blue Arbor (TBA) | Orange Arbor (TOA) | Red Arbor (TRA)

Solids

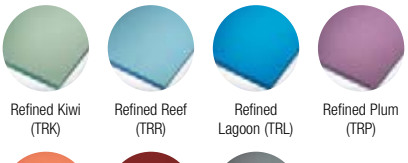


Cultured Pearl (TCP) | Inspiration Ice (TNC) | Calm Water (TCW) | Natural Faith (TNF) | Loyalty Latte (TLL) | Caribbean Renewal (TAR) | Sage Happiness (TSH) | Budding Creativity (TBD)

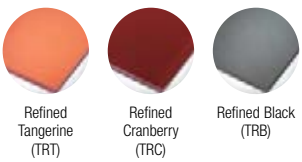


Tranquility Teal (TTT) | Peace Blue (TPB) | Sheer Iris (TSI) | Blueberry Bliss (TBB) | Saffron Energy (TSE) | Sedona Spirit (TSS) | Red Fire (TRF) | Cinnamon Sanity (TCS)

SoundScapes® Canopies and Shapes Coordinating Colors



Refined Kiwi (TRK) | Refined Reef (TRR) | Refined Lagoon (TRL) | Refined Plum (TRP)



Refined Tangerine (TRT) | Refined Cranberry (TRC) | Refined Black (TRB)

* Also available in 48" x 120"
† Color may vary panel to panel

INFUSIONS®
Accent Canopies

VISUAL SELECTION

Item Number◆	Dimensions (Inches)	Colors	Pcs./Ctn.
INFUSIONS® Accent Canopies – 48" x 120" Panel Kits			
54101_ _ _	48 x 120 x 5/8"	See page 31 for color options	1
54102_ _ _	48 x 120 x 5/8"	See page 31 for color options	2
INFUSIONS Accent Canopies – 24" x 60" and 24" x 72" Panel Kits			
54051_ _ _	24 x 60 x 1/4"	See page 31 for color options	1
54052_ _ _	24 x 60 x 1/4"	See page 31 for color options	2
54061_ _ _	24 x 72 x 1/4"	See page 31 for color options	1
54062_ _ _	24 x 72 x 1/4"	See page 31 for color options	2

◆ When specifying or ordering, include the appropriate 3-letter suffix (e.g. 54051 C H T)
NOTE: Infusions Alloy canopies' thickness (1/8")

KIT CONTENTS

– Flat Infusions panel (1 or 2) with nominal 48" Aluminum Extrusions (2 per panel) attached
– Cables to form arcs (30º or 50º)

– Flat Infusions panel (1 or 2) with nominal 24" Aluminum Extrusions (2 per panel) attached
– Cables to form arcs (60º or 90º)

HUNDREDS OF WAYS TO SUSPEND AND LINK INFUSIONS ACCENT CANOPIES FROM CEILINGS AND WALLS

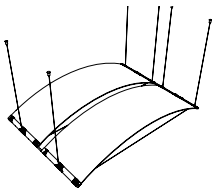
Hanging Kits
– 8', 16', 30' kits; dual canopy kits

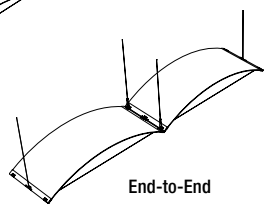
Linking Kits
– Side-by-side (two canopies with flush, 1/2", or 3" spacing)
– End-to-end (two canopies)
– End-to-end/side-to-side (four canopies with flush, 1/2" or 3" spacing side-to-side)

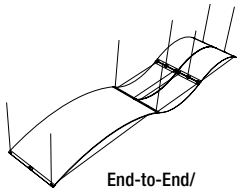
Escutcheon Kits
– Installs canopies below existing ceiling

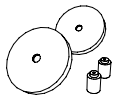
Wall Attachment Kits
– Anchors canopies side-by side or linking canopies to wall

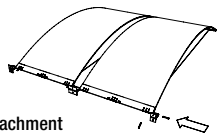
Details online at armstrong.com/infusionskits


Side-by-Side


End-to-End


End-to-End/
Side-to-Side


Escutcheons


Wall Attachment

PHYSICAL DATA

Material
• Polycarbonate • Aluminum

Surface Finish – Smooth

Fire Performance
Infusions® Accent Canopies have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined in Chapter 8 of the International Building Code. For proper fire performance, do not install polycarbonate panels so that any portion of the panel is suspended directly above any portion of an aluminum panel.

Aluminum panels are non-combustible.

Infusions® Accent Canopies, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance where automatic fire detection and suppression systems are present.

Contact TechLine at (877) 276-7876 for specific US and Canadian fire performance data.

Design Considerations
Infusions panels should always be installed in accordance with all applicable building codes and regulations.

Do not cut holes in or drill through Infusions® Accent Canopies. Doing so may cause the panel to bend in an irregular fashion.

The lowest point of a suspended Infusions panel should be at least 7'-6" above the finished floor surface.

Infusions panels are not approved for exterior application.

Plastic panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100º F after the tensioning cables have been installed. Follow these guidelines for minimum distance from standard light sources:

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

Installation Considerations
The International Building Code requires the attachment of free-floating architectural components to be designed for three times the design load.

Use the assembled canopy weights provided in this table to select mounting hardware that will meet this requirement:

MATERIAL	24" x 60"	24" x 72"	48" x 120"
Solid Polycarbonate	21 lbs	25 lbs	N/A
Channeled Polycarbonate	6 lbs	7 lbs	26 lbs
Aluminum	21 lbs	25 lbs	N/A

Always install in accordance with installation instructions. Do not allow panel edges to get wet.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension System
Canopy-specific hardware must be ordered based on your design plan. For details and some design guidelines, contact TechLine or visit armstrong.com/infusions.

Warranty
1 year

Weight; Pieces/Carton

PANEL MATERIAL	24" x 60" 2 pcs/ctn	24" x 60" 1 pc/ctn	24" x 72" 2 pcs/ctn	24" x 72" 1 pc/ctn	48" x 120" 2 pcs/ctn	48" x 120" 1 pc/ctn
Solid Polycarbonate	42 lbs	21 lbs	50 lbs	25 lbs	N/A	N/A
Channeled Polycarbonate	12 lbs	6 lbs	14 lbs	7 lbs	52 lbs	26 lbs
Aluminum	42 lbs	21 lbs	50 lbs	25 lbs	N/A	N/A

ACCESSORY KITS
7004 – 0.3 lbs
7005 – 0.5 lbs
7006 – 0.1 lbs
7007 – 0.2 lbs
7008 – 0.4 lbs
7009 – 0.2 lbs
7010 – 0.7 lbs
All other accessory kits weigh less than 1 lb each.

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INFUSIONS® Shapes

Accent Clouds

CAD/Revit® drawings at:
armstrong.com/details



Infusions® Shapes Circles clouds in Playful Peach

These floating clouds are available in a variety of translucent colors and four standard shapes.

KEY SELECTION ATTRIBUTES

- Add dramatic visual impact with multiple shapes or create a small accent area
- Wide variety of colors to fit any design aesthetic
- Unique shape designs can create a variety of visuals depending on the configuration or angle of installation
- Class A fire performance
- Seismic tested and approved

COLORS – SOLIDS

Due to printing limitations, shade may vary from actual product

Romantic Ruby (TOR)
Modern Mandarin (TMM)
Playful Peach (TPP)
Amiable Almond (TAA)
Gleeful Green (TGG)
Proud Pumpkin (TOP)
Bashful Beige (TAB)

Crystallines

Mellow Moss (TEM)
Artistic Azure (TAZ)
Majestic Marine (TJM)
Sensitive Shadow (TVS)
Sincere Seafoam (TCM)
Versatile Violet (TVV)
Grateful Glass (TRG)

Arbors

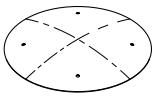
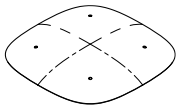
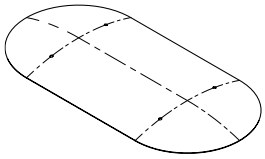
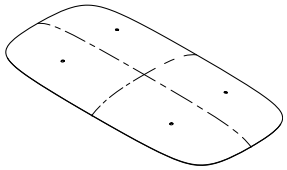
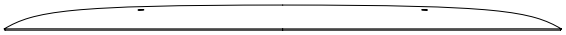
Cheerful Cherry (THH)
Joyful Jelly (TJJ)
Refined Reef (TRR)
Refined Lagoon (TRL)

INFUSIONS® Shapes

Accent Clouds

PANEL OPTIONS

PERFORMANCE

	Item Number◆	Dimensions (Inches) Nominal	Fire Rating	Warranty
INFUSIONS® Shapes				
Circle 	**7156**_ _ _	48 x 48 x 4" (Nominal) 	Class A	1-Yr
Curved Square 	**7157**_ _ _	48 x 48 x 4" (Nominal) 	Class A	1-Yr
Oval 	**7158**_ _ _	96 x 48 x 4" (Nominal) 	Class A	1-Yr
Curved Rectangle 	**7159**_ _ _	96 x 48 x 4" (Nominal) 	Class A	1-Yr

◆ When specifying or ordering, include the appropriate 3-letter suffix (e.g., 7156 T O R)

SUSPENSION COMPONENTS

Item Number	Description	Color	Pieces/Carton
7149 	Infusions Shapes Hanging Kit *	Metal	1 kit

* Each Shapes Hanging Kit includes four hanging assemblies and is shipped with shapes. Use one kit for each shape.

ACCESSORIES (OPTIONAL)

Item Number	Description
625530	Extended Hanging Cables – (4) 30' Cables
7006	Escutcheon Kit – Used when hanging shape below an existing ceiling; two kits needed per shape.

PHYSICAL DATA

Material
Polycarbonate

Surface Finish
Smooth

Fire Performance
Infusions® Shapes clouds have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

Designers and Installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Contact TechLine at 1 877 ARMSTRONG for specific US and Canadian fire performance data.

Design Considerations
Infusions® Shapes clouds are not approved for exterior application.

Installation Considerations
Do not allow the edges of the shapes to get wet or be exposed to moisture.

Any fixtures adjacent to Infusions® Shapes clouds must be independently supported. There is potential for limited natural deflection of panels.

Infusions® Shapes clouds can be damaged by exposure to high temperatures. The temperature of the shapes should not be permitted to exceed 100°F.

Follow these guidelines for minimum distance from standard light sources.

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

Additional light transmission information is available at armstrong.com/infusions

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Warranty
Details at armstrong.com/warranty

Weight; Pieces/Carton
Bulk packaged per order

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INFUSIONS® & METALWORKS™ Wings

Accent & Acoustical Clouds

UP TO **54%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓				✓	✓				

▲ LOCATION DEPENDENT



Infusions® Full Wings Ceiling in Refined Tangerine with Silver Grey spine

Easy-to-install panels have a unique "wing" design; they can be suspended from the ceiling or mounted to the wall.

KEY SELECTION ATTRIBUTES

- Define and accentuate spaces with unique 3-D visual
- Panels are adjustable to special heights and angles off of center spine
- Available in six translucent colors that coordinate with Infusions, SoundScapes®, and Colorations™ ceilings
- Lightweight Aluminum Panels (full or half-wing designs)
  - Perforation option available for better acoustics
  - Durable – easy to clean and maintain
  - Custom RAL colors available for panels and center spine



Infusions Half Wing Ceiling

COLORS

Due to printing limitations, shade may vary from actual product.

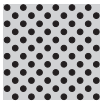
METALWORKS™ & SPINES
Custom RAL colors available

INFUSIONS

White (WH) · Silver Grey (SG) · Gun Metal Grey (MY) · Refined Kiwi (TRK) · Refined Reef (TRR) · Refined Lagoon (TRL) · Refined Plum (TRO) · Refined Tangerine (TRT) · Refined Black (TRB) · Refined Clear (TCL)

PERFORATION OPTIONS

P1 (Unperforated)



P2 (Microperforated)

(Actual 1:2 scale shown)

Available on MetalWorks panels only

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Item Number◆	Description	Dimensions (Inches)	Light Reflect (White Only)	Wash (Durability)	Scrub (Durability)	Soil (Durability)
METALWORKS Wings						
5927P1_ _	Unperforated Panel (for full wing suspension kit)	24 x 45"	0.77	•	•	•
5927P2_ _	Microperforated Panel with Acoustical Fleece (for full wing suspension kit)	24 x 45"	0.61	•	•	•
5917P1_ _	Unperforated Panel (for half wing wall mount kit)	24 x 45"	0.77	•	•	•
5917P2_ _	Microperforated Panel with Acoustical Fleece (for half wing wall mount kit)	24 x 45"	0.61	•	•	•
INFUSIONS Wings						
6610_ _ _	Translucent Panel (for full wing suspension kit)	24 x 48"	N/A	•	•	•
6611_ _ _	Translucent Panel (for half wing wall mount kit)	24 x 48"	N/A	•	•	•
5846**	Infusions Wings Translucent Edge Trim – Full Wing (precut to size)	120"	N/A	•	•	•
5847**	Infusions Wings Translucent Edge Trim – Half Wing (precut to size)	48"	N/A	•	•	•

◆ When specifying or ordering, include the appropriate 2- or 3-letter color suffix with the item number (e.g. 5927P1 W H).
** Order one carton of trim per Wing.

SUSPENSION KITS

Item Number◆	Description	Dimensions (Inches)
5944_ _	Suspension Kit†	8 x 120 x 2"
5945	Cradle Crate†	N/A
5908_ _	Wall Mount Kit	4 x 120 x 2"

† Suspension kit will be shipped with the order in a cradle crate (Item 5945) for protection purposes. Each cradle crate is capable of holding 1-6 suspension kits. Be sure to specify when ordering.

PHYSICAL DATA

Material
Aluminum (MetalWorks panels and suspension spine)
Polycarbonate (Infusions panels)

Panel Size and Angles
Nominal 24" x 45" for panels; nominal 96" x 120" for total installed suspension kit; nominal 48" x 120" for total installed wall mount kit. Angles: 3º and 10º options included in kit.

Surface Finish
MetalWorks – Factory-applied powder-coated finish (post-coated).

Fire Performance
MetalWorks – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less and Smoke Developed Index 50 or less.

Wings panels, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Fire Class – Class A
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Acoustical Performance
MetalWorks – 1.05 Sabin/SF.

Design Considerations
Splay wires included with kit installed on finished product should be considered for symmetry and span dependent on Wings install height when installing lighting options.

Installation Consideration
Wings assembly requires two people to handle and install safely. Install Wings clouds a minimum of 18" apart.

Infusions panel seams must be positioned in the same direction on both sides of the spine. Panels are butted together and seams are visible from below.

Infusions® Wings panels have a batch code printed on them. Panels should be installed with the code facing up so it is not visible from below.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage

Suspension System
Hardware system and cables included in panel kits.

Warranty
Details at armstrong.com/warranty

Weight
Suspension kit – 67 lbs. for hardware; 1 to 6 pcs./ctn.
40 lbs. per carton (MetalWorks) – 10 pcs.
42 lbs. per carton (Infusions) – 10 pcs.
Wall mount kit: 14 lbs. for hardware;
20 lbs. per carton (MetalWorks) – 5 pcs.
22 lbs. per carton (Infusions) – 5 pcs.

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Armstrong®

METALWORKS™

Accent & Acoustical Canopies

25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓		✓		✓	✓			✓	

▲ LOCATION DEPENDENT



MetalWorks™ Canopies in White

Durable and sleek metal canopies define and accentuate spaces.

KEY SELECTION ATTRIBUTES

- Great aesthetic from above and below
- Easy installation
- Adjustable to special heights and angles
- Three panel types – flat, hill, valley
- Durable – easy to clean and maintain

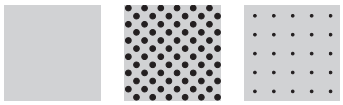
COLORS

Due to printing limitations, shade may vary from actual product.



White (WH) | Silver Grey (SG) | Gun Metal Grey (MY)

PERFORATION OPTIONS



P1 (Unperforated) | P2 (Microperforated) | P3 (Extra Microperforated)

VISUAL SELECTION

Item Number◆	Shape	Dimensions (Inches)
METALWORKS Canopies		
5376____	Hill	74-1/2 x 46-1/2 x 1-1/2"
5377____	Valley	74-1/2 x 46-1/2 x 1-1/2"

PERFORMANCE

Dots represent high level of performance.

Item Number◆	Light Reflect (White Only)	Wash	Scrub	Impact	Soil (Durability)
5376____	0.90	•	•	•	•
5377____	0.90	•	•	•	•

◆ When specifying or ordering, include the appropriate 2-digit perforation code and 2-digit color suffix (e.g. 5376 M 3 W H) with the item number.

Standard items are 5376M3WH, 5376M10WH, 5377M3WH, and 5377M10WH. All other items are subject to extended lead times.

Flat canopies are available as custom. For details, contact TechLine at 1 877 ARMSTRONG.

ACCESSORIES

Item Number	Description
7006	Escutcheon Kit – Used when hanging canopy below an existing ceiling. Two kits needed per MetalWorks canopy.

Carton contains: Pre-curved MetalWorks canopy, suspension hardware, and 6 ft. 6 in. cables (4 cables per panel).

PHYSICAL DATA

Material
Aluminum composite

Panel Arc
Hill or Valley – 9'

Surface Finish and Edge Detail
Factory-applied post-production powder-coated finish; Light reflectance 0.75 – White unperforated only; Curved (hill/valley) – edge detail width: 45° angle, edge detail length: 90° angle

Fire Performance
Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

MetalWorks canopies, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Fire Class – Class A

Acoustical Performance
P2 Perforated – 39 Sabin per canopy with acoustical fiberglass infill; or 1.25 Sabin/SF

P3 Extra Microperforated – 36 Sabin per canopy with included acoustical fiberglass infill; or 1.15 Sabin/SF

Design Considerations
MetalWorks canopies are not approved for exterior application. The MetalWorks canopies cable hanging system must not hang from any commercial ceiling suspension system. The canopy must not be used to support any other material. Please note that the White finish on this product may vary slightly from Armstrong Global White.

Installation Consideration
MetalWorks Canopies require two people to handle and install a panel safely. See installation instructions on web site for details.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension System
Hardware and cables are included in each kit.

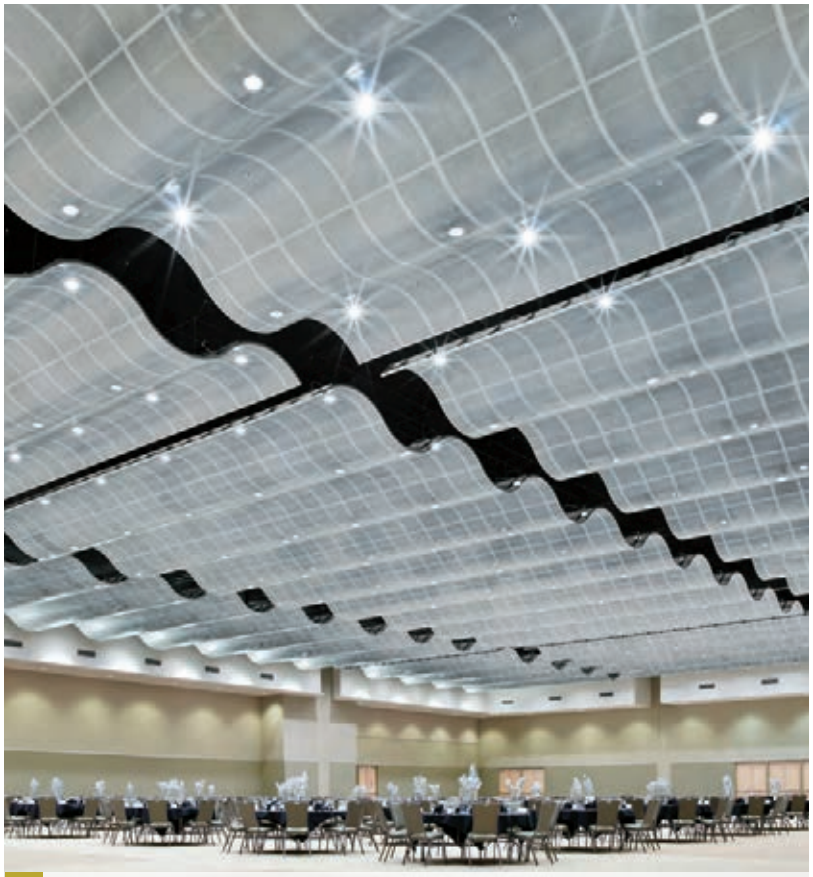
Warranty
Details at armstrong.com/warranty

Weight
Hill or Valley 62.4 lbs; one canopy per carton

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SERPENTINA® Classic and Semi-Concealed

Curved Metal Clouds



Serpentina® Semi-concealed 24" x 72" panels with custom perforations in Silver Satin

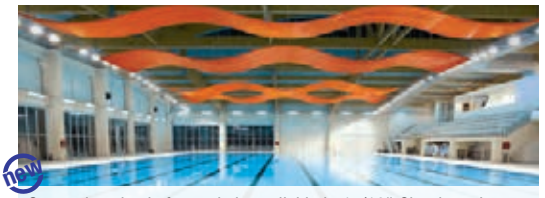
Pre-engineered 3D curved metal ceiling system adds drama and acoustical performance with major impact.

KEY SELECTION ATTRIBUTES

- More main beam options for maximum design flexibility; available in both "Hills" and "Valleys" with 15/16" or 9/16" suspension system
- XL®2 butt-cut cross tee end detail for a faster installation
- Armstrong® standard panel colors plus four metallic paints; custom RAL colors available
- Extruded aluminum components and hot-dipped galvanized steel with stainless steel clips provide maximum corrosion resistance
- Serpentina perforated clouds installed with acoustical infill panels provide greater sound absorption than a continuous ceiling of the same surface area because sound is absorbed from both the front and back surfaces
- 10-Year Limited System Warranty (1-Year Limited System Warranty for Pool Installations)

TYPICAL APPLICATIONS

- Corridors and lobbies
- Conference rooms
- Reception areas
- Public access areas
- Airports, bus terminals, and train stations



new

Serpentina clouds for pools is available in 15/16" Classic and Semi-concealed. Acoustical infill panels are available if required. Contact TechLine or your local Armstrong representative for questions related to pool applications.

COLORS

Due to printing limitations, shade may vary from actual product.



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Tech Black (BL) | Silver Grey (SG) | Silver Satin (SA) | Gun Metal Grey (MY) | Champagne Gold (CG) | Wolf (WK) | Vanilla (VA) | Slate (ST) | Bright Clear Anodized† | RAL / Custom Colors and Finishes Available

PERFORATION OPTIONS



UPA
Unperforated

R042
Perfs: 3/64" Dia.
@ 1/8" O.C.
Open area: 11%
No border

R062
Perfs: 1/16" Dia.
@ 1/4" O.C.
Open area: 6%
No border

**R250
Perfs: 1/4" Dia.
@ 0.32" O.C.
Open area: 58%
Nominal 3/4" border

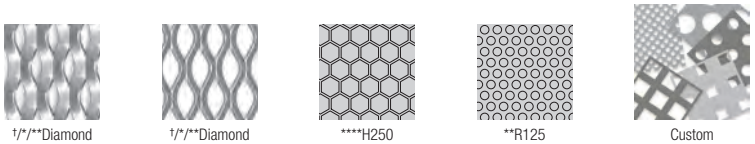
***R375
Perfs: 3/8" Dia.
@ 1-1/8" O.C.
Open area: 9%
Nominal 3/4" border

***R188
Perfs: 3/16" Dia.
@ 1" O.C.
Open area: 4%
Nominal 3/4" border

S250
Perfs: 1/4" x 1/4"
@ 3/4" O.C.
Open area: 11%
Nominal 3/4" border

***S375
Perfs: 3/8" x 3/8"
@ 1-1/8" O.C.
Open area: 11%
Nominal 3/4" border

**S500
Perfs: 1/2" x 1/2"
@ 5/8" O.C.
Open area: 64%
Nominal 3/4" border



†/*/**Diamond
Louver
Open area: 22%
No border

†/*/**Diamond
Sheer
Open area: 52%
No border

****H250
Perfs: 1/4" width @
.281 Staggered
Open area: 79%
Nominal 3/4" border

**R125
Perfs: 1/8" Dia.
@ 3/16" O.C.
Open area: 41%
Nominal 3/4" border

Custom
Perforations
Available

* Available in Bright Clear Anodized only. Available as standard 24" x 24" lay-in panels.

** Laminated acoustical fleece is not available for use in Pool Applications or on perforated Panels R125, S500, R250, Diamond Sheer, and Diamond Louver due to open cell percentage. For acoustical correction in pool installations, specify 24" x 24" poly bags.

*** Tech Black, Fine Fissured™ panels laminated to the back of Serpentina perforated metal panels provide a matching visual for flat areas adjacent to or within a Serpentina ceiling. Available for R188, R375, and S375.

**** H250 Perforation meets NFPA guidelines for sprinkler systems.

† Diamond Louver and Diamond Sheer panels are available in Bright Clear Anodized only.

SERPENTINA® Classic and Semi-Concealed
Curved Metal Clouds

SERPENTINA® SUSPENSION SYSTEM

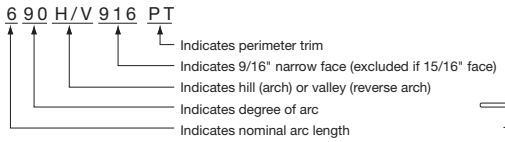
Serpentina Main Beams and Curved Perimeter Trim

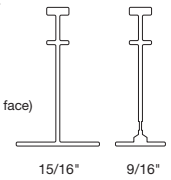
Item No.	Arc	Dim. "A"	Dim. "B"	Dim. "C"
10075_ _ _ _ _ _	7.5	9' 11-15/16"	76' 4-3/4"	0' 2-3/4"
1015_ _ _ _ _ _	15	9' 11-13/16"	38' 2-3/8"	0' 3-15/16"
10225_ _ _ _ _ _	22.5	9' 11-1/4"	25' 5-9/16"	0' 5-7/8"
1030_ _ _ _ _ _	30	9' 10-5/8"	19' 1-3/16"	0' 7-3/16"
10375_ _ _ _ _ _	37.5	9' 9-7/8"	15' 3-5/16"	0' 9-3/4"
1045_ _ _ _ _ _	45	9' 7-11/16"	12' 8-13/16"	0 11-3/8"
10525_ _ _ _ _ _	52.5	9' 7-7/8"	10' 10-15/16"	1' 1-1/2"
1060_ _ _ _ _ _	60	9' 6-9/16"	9' 6-9/16"	1' 3-5/8"
1075_ _ _ _ _ _	75	9' 3-5/8"	7' 7-11/16"	1' 7-7/16"
1090_ _ _ _ _ _	90	9' 0"	6' 4-3/8"	1' 10-11/16"
8075_ _ _ _ _ _	7.5	7' 11-15/16"	61' 1-3/8"	0' 1-9/16"
815_ _ _ _ _ _	15	7' 11-3/4"	30' 6-11/16"	0' 3-18"
8225_ _ _ _ _ _	22.5	7' 11-3/8"	20' 2-7/8"	0' 4-3/4"
830_ _ _ _ _ _	30	7' 10-7/8"	15' 3-3/8"	0' 6-1/4"
8375_ _ _ _ _ _	37.5	7' 10-5/16"	12' 2-11/16"	0' 7-3/4"
845_ _ _ _ _ _	45	7' 9-3/8"	10' 2-1/4"	0' 9-7/16"
8525_ _ _ _ _ _	52.5	7' 8-11/16"	8' 8-3/4"	0' 10-13/16"
860_ _ _ _ _ _	60	7' 7-5/16"	7' 11-7/16"	1' 0-7/16"
875_ _ _ _ _ _	75	7' 5-5/16"	6' 1-5/16"	1' 3-3/16"
890_ _ _ _ _ _	90	7' 2-7/16"	5' 1-1/8"	1' 6-1/8"
6075_ _ _ _ _ _	7.5	5' 11-15/16"	45' 5-1/16"	0' 1-3/16"
615_ _ _ _ _ _	15	5' 11-13/16"	22' 11"	0' 2-3/8"

Item No.	Arc	Dim. "A"	Dim. "B"	Dim. "C"
6225_ _ _ _ _ _	22.5	5' 11-9/16"	15' 3-3/8"	0' 3-9/16"
630_ _ _ _ _ _	30	5' 10-5/8"	11' 5-1/2"	0' 4-9/16"
6375_ _ _ _ _ _	37.5	5' 10-3/4"	9' 2"	0' 5-13/16"
645_ _ _ _ _ _	45	5' 10-1/8"	7' 7-11/16"	0' 7-1/16"
6525_ _ _ _ _ _	52.5	5' 9-1/2"	6' 6-9/16"	0' 8-1/8"
660_ _ _ _ _ _	60	5' 4-1/2"	5' 8-3/4"	0' 9-5/16"
675_ _ _ _ _ _	75	5' 7"	4' 7"	0' 11-3/8"
690_ _ _ _ _ _	90	5' 4-1/2"	3' 9-13/16"	1' 1-1/16"
4075_ _ _ _ _ _	7.5	3' 11-15/16"	30' 6-5/8"	0' 0-13/16"
415_ _ _ _ _ _	15	3' 11-7/8"	15' 3-3/8"	0' 1-9/16"
4225_ _ _ _ _ _	22.5	3' 11-11/16"	10' 2-1/4"	0' 2-5/16"
430_ _ _ _ _ _	30	3' 11-3/8"	7' 7-11/16"	0' 3-1/8"
4375_ _ _ _ _ _	37.5	3' 11-1/8"	6' 1-3/8"	0' 3-7/8"
445_ _ _ _ _ _	45	3' 10-3/4"	5' 1-1/8"	0' 4-5/8"
4525_ _ _ _ _ _	52.5	3' 10-5/16"	4' 4-3/8"	0' 4-5/8"
460_ _ _ _ _ _	60	3' 9-7/8"	3' 9-13/16"	0' 6-1/16"
475_ _ _ _ _ _	75	3' 8-1/2"	3' 0-5/8"	0' 7-1/2"
490_ _ _ _ _ _	90	3' 7-1/4"	2' 6-9/16"	0' 8-13/16"

All dimensions are nominal

For additional information and accessories, see brochure BPCS-3960.
CAD drawings available on armstrong.com/serpentina



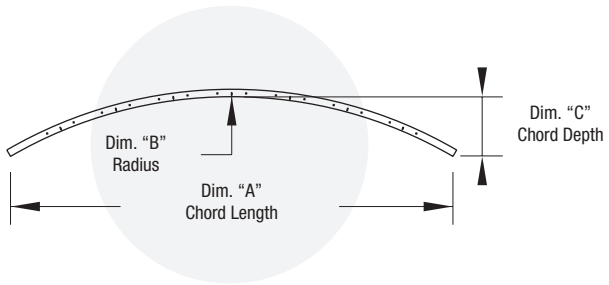


Serpentina main beams are identified by arc length. For example, a 690 hill main beam has a 5' 4-1/2" chord length and will occupy 5' 4-1/2" of ceiling area.

NOTE: 9/16" suspension uses 24" x 24" panels only, and is not available for pool applications.

Perimeter Trim

4STR	N/A	N/A	N/A	N/A
6STR	N/A	N/A	N/A	N/A
8STR	N/A	N/A	N/A	N/A
10STR	N/A	N/A	N/A	N/A



PHYSICAL DATA

Material
Extruded aluminum curved main beams and hot-dipped galvanized steel Prelude® or Suprafine® cross tees. Pool applications receive aluminum Prelude cross tees with stainless steel clips.

Main Beam Load Test Data
Hanger Spacing (Lbs/LF)
(Applies to straight 15/16" face sections only)
42" – 18.66 48" – 10.80

Cross Tee/Main Beam Interface
Flush Fit

End Detail
Staked-on clip

Panel Sizes
24" x 48" and 24" x 72" semi-concealed metal panel options; 24" x 24", 24" x 48", and 24" x 72" lay-in panel options (select panel types perforated and unperforated).

Design Considerations
9/16" suspension systems use 24" x 24" panels only. (9/16" suspension systems are not available for pool applications.)

Seismic Requirements
Refer to ASCE 7-10 for seismic requirements.

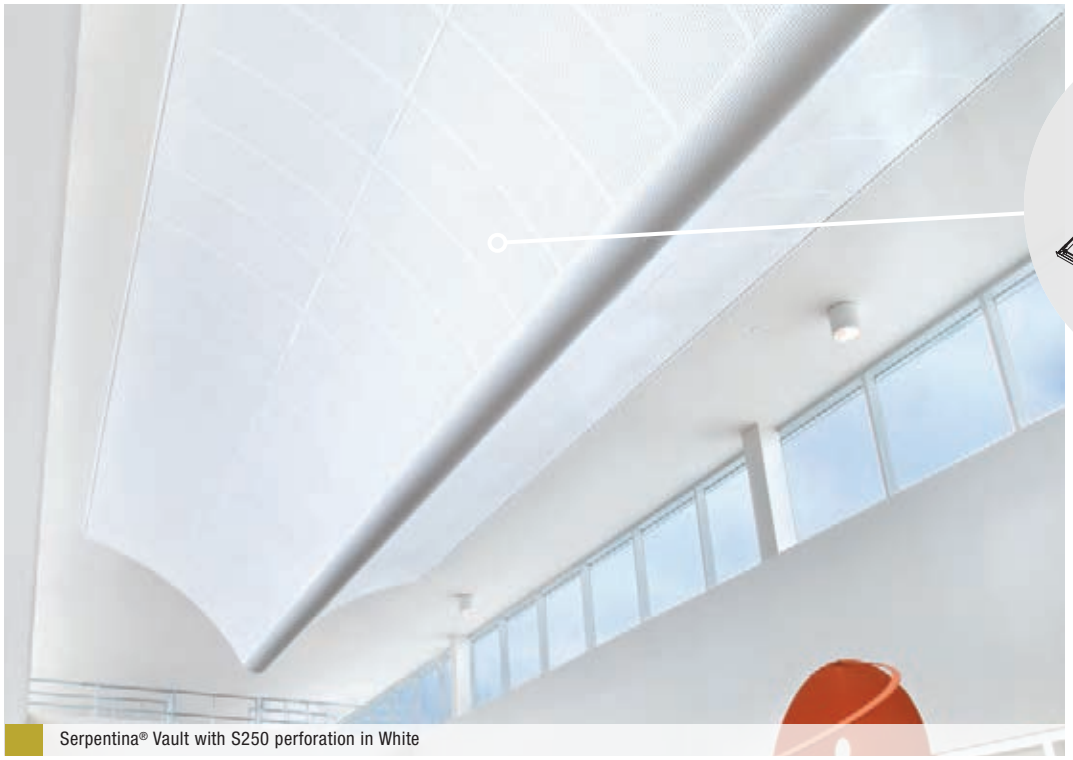
Acoustical Options
By adding optional poly-bagged fiberglass or laminated fleece backing, you can achieve a greater acoustical performance in your design. No ASTM test exists for curved configurations. See pages 100-101 for infill options.

Fire Performance
Metal: Class A

LEED® is a registered trademark of the US Green Building Council
RAL is a registered trademark of RAL gGmbH

SERPENTINA® Vault

Curved Metal Clouds



Serpentina® Vault with S250 perforation in White

CAD/Revit® drawings at:
armstrong.com/details





See more photos at:
armstrong.com/photogallery
SEARCH: serpentina vault

Easy-to-specify and install curved metal clouds define and create visual interest.

KEY SELECTION ATTRIBUTES

- Install with fewer cables for a dramatic floating visual
- Wide variety of finishes available
- Pre-engineered and shipped ready to install (no field modification necessary)
- Panels available in 24" x 72", 24" x 96", 24" x 120", and 24" x 144"
- Available in 15º, 30º, 45º, 60º, 75º, and 90º arcs
- Aircraft cable and hardware shipped as part of kit
- Serpentina perforated clouds installed with acoustical infill panels provide greater sound absorption than a continuous ceiling of the same surface area because sound is absorbed from both the front and back surfaces
- 10-Year Limited System Warranty

TYPICAL APPLICATIONS

- Corridors and lobbies
- Conference rooms
- Reception areas
- Public access areas
- Airports, bus terminals, and train stations
- Retail
- Education
- Hospitality
- Healthcare

COLORS

Due to printing limitations, shade may vary from actual product.

Standard Colors

White (WH)
Cream (CR)
Haze (HA)
Camel (CM)
Silver Satin (SA)
Silver Grey (SG)
Gun Metal Grey (MY)
Slate (ST)
Wolf (WK)
Champagne Gold (CG)
Vanilla (VA)
Nickel (NK)
Silver Slate (SV)
Mica (MC)
Tech Black (BL)

RAL / Custom Colors and Finishes Available

Wood-Look Architectural Film Colors (not available perforated)

Maple (MP)
Elm (EL)
Light Sycamore (LS)
Light Cherry (LC)
Light Walnut (LW)
Dark Cherry (DC)
Dark Walnut (DW)
Rosewood (RW)
Dark Sycamore (DS)
Charcoal Ash (CA)

NOTE: Custom colors available as special order.

PERFORATION OPTIONS

UPA
Unperforated

R042
Perfs: 3/64" Dia.
@ 1/8" O.C.
Open area: 11%
No border

R062
Perfs: 1/16" Dia.
@ 1/4" O.C.
Open area: 6%
No border

Custom
Perforations
Available

SERPENTINA® Vault

Curved Metal Clouds

UP TO 50% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓	✓				

▲ LOCATION DEPENDENT

HOW TO SPECIFY

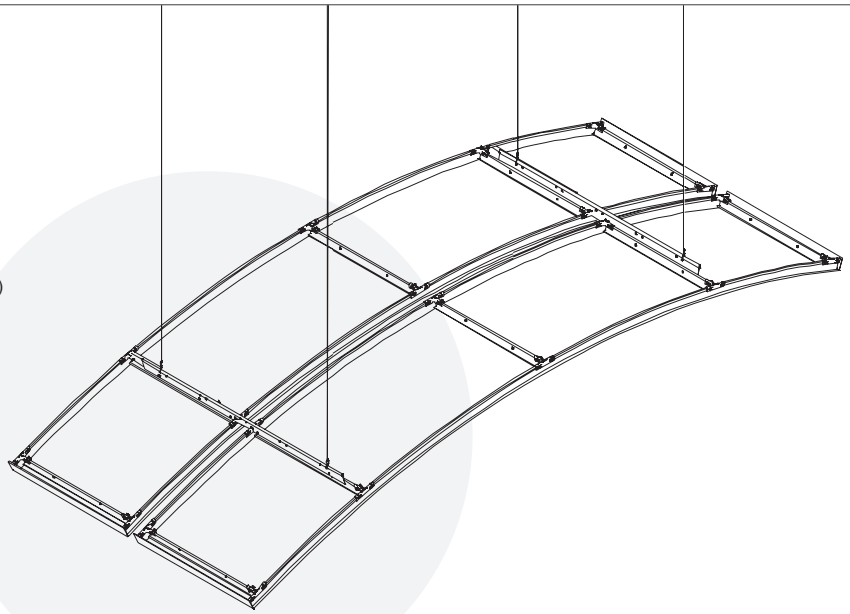
Simple guide on how to select your Vault:

1. Panel Length (72", 96", 120", 144")
2. Arc Choice (15º, 30º, 45º, 60º, 75º, 90º)
3. Perf Pattern (R042, R062, UPA)
4. Color (see page 39)
5. Choose Your Panel Spacing (2", 4", 6")

EXAMPLE:

SVT 660R042 MY

- MY — Color (Gun Metal)
- R042 — Perf Pattern (R042 Perforation)
- 60 — Arc (60º)
- 6 — Panel Length (24" x 72")
- SVT — Serpentina Vault



ARC CHOICES







PANELS

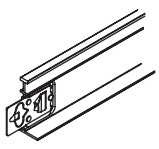
Sizes
24" x 72", 24" x 96", 24" x 120", 24" x 144"

PANEL SPACING

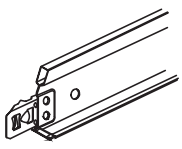
Create 2", 4", or 6" spacing between panels

Item No.	Description
SVLTSH2	2" Vault Spacer Support
SVLTSH4	4" Vault Spacer Support
SVLTSH6	6" Vault Spacer Support

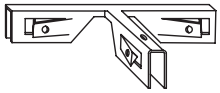
SERPENTINA VAULT COMPONENTS



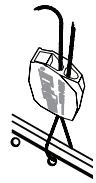
Serpentina Main Beam (15/16")



2' Prelude® Cross Tee (15/16")



GC3W Grip Clip 3-Way



Aircraft Cable and Hardware

PHYSICAL DATA

Material
Extruded aluminum main beams and hot dipped galvanized steel cross tees.

Fire Performance
Metal: Class A

Seismic Requirements
Refer to ASCE 7-10 for seismic requirements

Warranty Information
10-Year Limited System Warranty

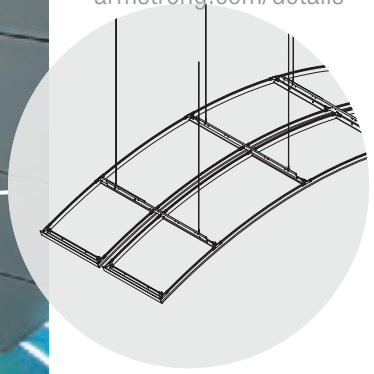
LEED® is a registered trademark of the US Green Building Council
Revit® is a registered trademark of Autodesk, Inc.
RAL is a registered trademark of RAL gGmbH

SERPENTINA® Waves™

Curved Metal Clouds

CAD/REVIT drawings at:
armstrong.com/details





Serpentina® Waves™ Clouds 24" x 96", 24" x 120", and 24" x 144" with R062 perforation in Silver Satin.

Corrugated Infill Panel



See more photos at:
armstrong.com/photogallery
SEARCH: serpentina waves

Serpentina Waves curved metal cloud kits combine easy installation with striking visual power.

KEY SELECTION ATTRIBUTES

- Wide variety of finishes
- 10-Year Limited System Warranty
- 60 pre-engineered kits that are easy to specify and install
- Panel lengths available up to 144"
- Serpentina perforated clouds installed with acoustical infill panels provide greater sound absorption than a continuous ceiling of the same surface area because sound is absorbed from both the front and back surfaces

TYPICAL APPLICATIONS

- Corridors and lobbies
- Conference rooms
- Reception areas
- Public access areas
- Airports, bus terminals, and train stations
- Retail
- Education
- Hospitality
- Healthcare

For Installation Considerations and Physical Data, see BPCS-3948 at armstrong.com/serpentina

COLORS

Due to printing limitations, shade may vary from actual product.



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Tech Black (BL) | Silver Grey (SG) | Silver Satin (SA) | Gun Metal Grey (MY) | Champagne Gold (CG) | Wolf (WK) | Vanilla (VA) | Slate (ST)

Wood-Look Architectural Film Colors (not available perforated)



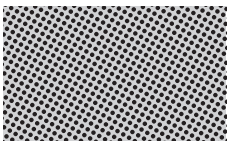
Maple (MP) | Elm (EL) | Light Sycamore (LS) | Light Cherry (LC) | Light Walnut (LW) | Dark Cherry (DC) | Dark Walnut (DW) | Rosewood (RW) | Dark Sycamore (DS) | Charcoal Ash (CA)

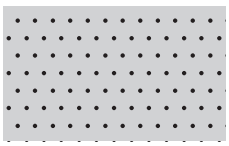


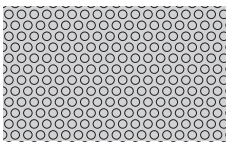
RAL / Custom Colors, Finishes, and Films Available

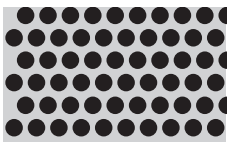
SERPENTINA® Waves™
Curved Metal Clouds

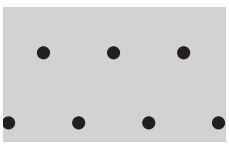
SERPENTINA® WAVES™ METAL INFILL PANELS

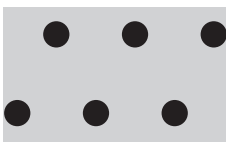

R042
Perfs: 3/64" Dia. @ 1/8" O.C.
Open area: 11% – No border

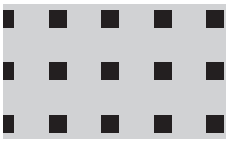

R062
Perfs: 1/16" Dia. @ 1/4" O.C.
Open area: 6% – No border

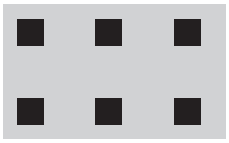

*R125
Perfs: 1/8" Dia. @ 3/16" O.C.
Open area: 41%
Nominal 3/4" border


*R250
Perfs: 1/4" Dia. @ 0.32" O.C.
Open area: 58%
Nominal 3/4" border


***R188
Perfs: 3/16" Dia. @ 1" O.C.
Open area: 4%
Nominal 3/4" border

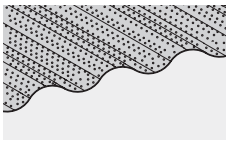

***R375
Perfs: 3/8" Dia. @ 1-1/8" O.C.
Open area: 9%
Nominal 3/4" border

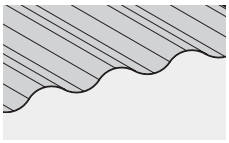

*S250
Perfs: 1/4" x 1/4" @ 3/4" O.C.
Open area: 11%
Nominal 3/4" border


***S375
Perfs: 3/8" x 3/8" @ 1-1/8" O.C.
Open area: 11%
Nominal 3/4" border


*S500
Perfs: 1/2" x 1/2" @ 5/8" O.C.
Open area: 64%
Nominal 3/4" border

UPA
Unperforated Panel


*CR125
Perfs: 1/8" @ 3/16" O.C.
Open area: 41%
Nominal 3/4" border


CUPA
Unperforated
Corrugated Panel

* Laminated acoustical fleece is not available on Perforated Panels R125, R250, S500 or CR125 due to open cell percentage.
*** Acoustical fleece comes standard

SERPENTINA COMPONENTS

	Item No.	Description
	**_ _ _ H/V**	Main Beam (15/16")
	**SPTSTR**	1'12' Straight Trim
	**_ _ _ H/V PT**	Curved Trim
	**SH12**	Serpentina® StrongBack™ System
	**SPTOSCP**	Serpentina Outside Corner Post
	**AXCCLT**	Serpentina Trim Twist Clip
	**SPTSPLICE**	Serpentina Splice Plate
	**AX-SPT-HDC**	Serpentina Trim Hold Down Clip
	**SCXT24MR** **SCXT24SPT** **SCXT24SPT2**	Serpentina Semi-concealed Connector Cross Tees
	**SPTCS4-12**	Serpentina Waves Connector Sleeves
	**Speed Clip**	Serpentina Semi-Concealed Splice Clip (3 per panel interface)

SERPENTINA WAVES KITS

Item Number	Hill (SH)	Valley (SV)	Hill/Valley Combo (SW)	Arc Degree	Description	Direction of Arc/ Size/Type
SH300404_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	
SH450404_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300404_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450404_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	4' x 4'
SH300604_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	
SH450604_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300604_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450604_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	6' x 4'
SH300804_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	
SH450804_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300804_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450804_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SW300804_ _ _ ◆ _ _ ◆◆			•	30	Hill/Valley with 30° arc	
SW450804_ _ _ ◆ _ _ ◆◆			•	45	Hill/Valley with 45° arc	8' x 4'
SH301004_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	
SH451004_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV301004_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV451004_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	10' x 4'

_ _ _ _◆ = Perforation Pattern
_ _ ◆◆ = Color, see page 41 to select your pattern

SW451212R042WH
- SW — Serpentina Hill/Valley Combo Panel
- 45 — Degree of Arc
- 1212 — Size of the Cloud
- R042 — Perforation Option
- WH — Color Selection

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SERPENTINA® Waves™

Curved Metal Clouds

UP TO 50% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

SERPENTINA® WAVES™ KITS

Item Number	Hill (SH)	Valley (SV)	Hill/Valley Combo (SW)	Arc Degree	Description	Direction of Arc/ Size/Type
SH301204_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH451204_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV301204_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV451204_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	
SW301204_ _ _ _◆_ _◆◆			•	30	Hill/Valley with 30° arc	
SW451204_ _ _ _◆_ _◆◆			•	45	Hill/Valley with 45° arc	12' x 4'
SH300406_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450406_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300406_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450406_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	4' x 6'
SH300606_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450606_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300606_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450606_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	6' x 6'
SH300806_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450806_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300806_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450806_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	
SW300608_ _ _ _◆_ _◆◆			•	30	Hill/Valley with 30° arc	
SW450806_ _ _ _◆_ _◆◆			•	45	Hill/Valley with 45° arc	8' x 6'
SH301006_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH451006_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV301006_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV451006_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	10' x 6'
SH301206_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH451206_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV301206_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV451206_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	
SW301206_ _ _ _◆_ _◆◆			•	30	Hill/Valley with 30° arc	
SW451206_ _ _ _◆_ _◆◆			•	45	Hill/Valley with 45° arc	12' x 6'
SH300408_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450408_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300408_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450408_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	4' x 8'
SH300608_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450608_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300608_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450608_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	6' x 8'
SH300808_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH450808_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV300808_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV450808_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	
SW300808_ _ _ _◆_ _◆◆			•	30	Hill/Valley with 30° arc	
SW450808_ _ _ _◆_ _◆◆			•	45	Hill/Valley with 45° arc	8' x 8'
SH301008_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH451008_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV301008_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV451008_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	10' x 8'
SH301208_ _ _ _◆_ _◆◆	•			30	Hill with 30° arc	
SH451208_ _ _ _◆_ _◆◆	•			45	Hill with 45° arc	
SV301208_ _ _ _◆_ _◆◆		•		30	Valley with 30° arc	
SV451208_ _ _ _◆_ _◆◆		•		45	Valley with 45° arc	
SW301208_ _ _ _◆_ _◆◆			•	30	Hill/Valley with 30° arc	
SW451208_ _ _ _◆_ _◆◆			•	45	Hill/Valley with 45° arc	12' x 8'

_ _ _ _◆ = Perforation Pattern, see page 42 to select your pattern
_ _◆◆ = Color, see page 41 to select your color

SW451212R042WH

Serpentina Hill/Valley Combo Panel | Degree of Arc | Size of the Cloud | Perforation Option | Color Selection

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SERPENTINA® Waves™

Curved Metal Clouds

UP TO 50% RECYCLED CONTENT

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▲ LOCATION DEPENDENT

SERPENTINA® WAVES™ KITS

Item Number	Hill (SH)	Valley (SV)	Hill/Valley Combo (SW)	Arc Degree	Description	Direction of Arc/ Size/Type
SH300410_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	4' x 10'
SH450410_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300410_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450410_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH300610_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	6' x 10'
SH450610_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300610_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450610_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH300810_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	8' x 10'
SH450810_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300810_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450810_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SW300810_ _ _ ◆ _ _ ◆◆			•	30	Hill/Valley with 30° arc	
SW450810_ _ _ ◆ _ _ ◆◆			•	45	Hill/Valley with 45° arc	
SH301010_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	10' X 10'
SH451010_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV301010_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV451010_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH301210_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	12' x 10'
SH451210_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV301212_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV451212_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SW301212_ _ _ ◆ _ _ ◆◆			•	30	Hill/Valley with 30° arc	
SW451212_ _ _ ◆ _ _ ◆◆			•	45	Hill/Valley with 45° arc	
SH300412_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	4' x 12'
SH450412_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300412_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450412_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH300612_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	6' x 12'
SH450612_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300612_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450612_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH300812_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	8' x 12'
SH450812_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV300812_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV450812_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SW300812_ _ _ ◆ _ _ ◆◆			•	30	Hill/Valley with 30° arc	
SW450812_ _ _ ◆ _ _ ◆◆			•	45	Hill/Valley with 45° arc	
SH301012_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	10' x 12'
SH451012_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV301012_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV451012_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SH301212_ _ _ ◆ _ _ ◆◆	•			30	Hill with 30° arc	12' x 12'
SH451212_ _ _ ◆ _ _ ◆◆	•			45	Hill with 45° arc	
SV301212_ _ _ ◆ _ _ ◆◆		•		30	Valley with 30° arc	
SV451212_ _ _ ◆ _ _ ◆◆		•		45	Valley with 45° arc	
SW301212_ _ _ ◆ _ _ ◆◆			•	30	Hill/Valley with 30° arc	
SW451212_ _ _ ◆ _ _ ◆◆			•	45	Hill/Valley with 45° arc	

_ _ _ _◆ = Perforation Pattern, see page 42 to select your pattern
_ _◆◆ = Color, see page 41 to select your color

SW451212R042WH

- SW — Serpentina Hill/Valley Combo Panel
- 45 — Degree of Arc
- 1212 — Size of the Cloud
- R042 — Perforation Option
- WH — Color Selection

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SOUNDSCAPES® Basics

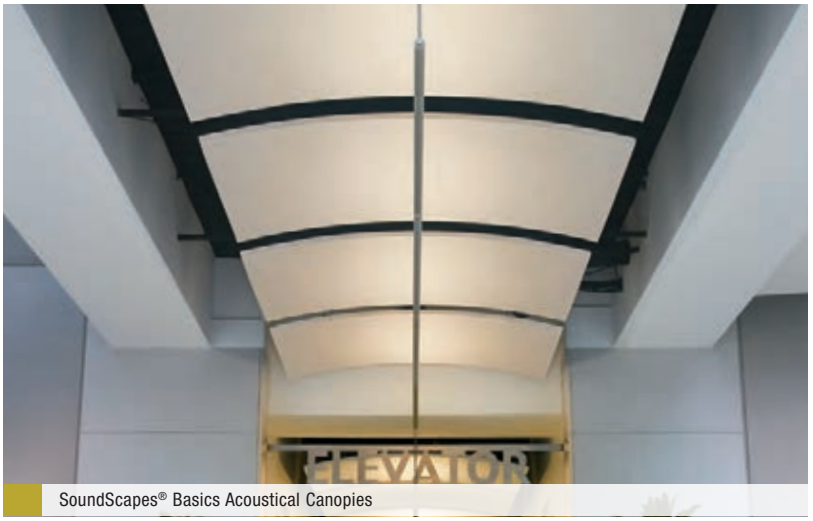
Acoustical Canopies

72% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. | biobased materials | recycled content ✓ | sourcing of raw materials | material ingredient reporting | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT



SoundScapes® Basics Acoustical Canopies

SoundScapes® Basics canopies solve noise challenges and provide spot absorption.

KEY SELECTION ATTRIBUTES

- Define spaces and enhance acoustics in open plenum spaces with spot sound absorption
- Curved panel can be used as a hill or valley
- Fast, easy installation
- Fast lead times – perfect for retrofit applications
- Energy-efficient, high light-reflectant surface
- For additional size and color options, see SoundScapes® Acoustical Canopies and Shapes

COLOR

White (WH)

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance

Item Number	Description	Dimensions (Inches)	Quantity	Color	Sabins/ Panel	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Wash	Scratch	Soil	Recycle Content	Recycle Program
								Bio-Block	Humi-Guard+	Durability				Yes
66331WH **66334WH**	Square	Nominal 48 x 48" (1200mm x 1200mm)	1 pc/ctn 4 pcs/ctn	White	18 •	Class A	0.90 •	•	•	•	•	•	•	•
66341WH **66344WH**	Rectangle	Nominal 48 x 96" (1200mm x 2400mm)	1 pc/ctn 4 pcs/ctn	White	35 •	Class A	0.90 •	•	•	•	•	•	•	•
66351WH **66352WH**	Hill/Valley	Nominal 48 x 72" (1181mm x 1869mm)	1 pc/ctn 2 pcs/ctn	White	26 •	Class A	0.90 •	•	•	•	•	•	•	•
6636	SoundScapes Basics Hanging Kit	–	1 bag*	–	–	–	–	–	–	–	–	–	–	–

NOTE: Installation hardware ordered separately.
* Each kit contains the hardware and cables for 2 hanging points. Square and hill/valley canopies have 4 hanging points. Rectangle canopies have 6 hanging points.

PHYSICAL DATA

Material
Flat clouds 1.57" thick, curved canopy 1.18" thick fiberglass with DuraBrite® scrim on face and back, painted sides.

Surface Finish
DuraBrite scrim with factory-applied paint on face and back, painted sides. Standard White has energy-saving, high light-reflective finish (LR 0.90).

Fire Performance
SoundScapes Basics panel material is ASTM E84 Class A: Flame Spread 25 or under and Smoke Developed 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

SoundScapes Basics, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Type XII, Form 2, Pattern E

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Performance
Acoustical performance differs based on panel size. See chart above for more information.

Design Considerations
Special care in installation and handling must be taken to avoid surface damage to the paint finish.

Due to slight thickness and paint system variations, do not mix SoundScapes Basics with other SoundScapes products.

Seismic Installation
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension Systems
See Installation Instructions BPLA-297846 for installation details.

Warranty
Details at armstrong.com/warranty

Panel Weight/SF
1.0 lbs/SF

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Armstrong®

SOUNDSCAPES®

Acoustical Canopies

47% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓, construction waste mgmt ✓, regional materials ✓, design for flexibility ✓, EPD, recyclable/extended producer resp. ✓, biobased materials, recycled content ✓, sourcing of raw materials ✓, material ingredient reporting, low emitting/materials ✓, lighting quality ✓, acoustics ✓

▲ LOCATION DEPENDENT



SoundScapes® Acoustical Canopies 46-1/2" x 75" Hill panels in White

These shapely canopies enhance acoustics with spot absorption to define spaces.

KEY SELECTION ATTRIBUTES

- Hill and valley shapes available in multiple sizes
- Adjustable to special heights
- Energy-efficient, high light-reflectant surface (White only)
- Embedded flush-mounted hardware system for clean look
- Coordinate with SoundScapes® Shapes, Metaphors® Coffers, Infusions® Canopies, lay-in panels, partitions, walls, Wings and Create!™ ceiling panels

COLORS

Due to printing limitations, shade may vary from actual product.

White (WH), Shell (SH), Pale Lemon (LM), Pecan (PC), Sky (SK), Moss (MS), Stone (SE), Reef (RE), Lagoon (LA), Plum (PM), Cranberry (CN), Kiwi (KW), Tangerine (TG), Black (BK), Made-to-order Sherwin-Williams® Colors Available

To see coordinating Ultima® and Optima® Create!™ and RAL colors, visit armstrong.com/createcolors. Custom colors are available with a Sherwin-Williams 4-digit color code from the Duration or Harmony flat interior paint families (Code SW _ _ _ _).

VISUAL SELECTION

Item Number**	Description	Dimensions (Inches)
6258 _ _	Hill Canopy	46-1/2 x 75 x 1-1/4"
6259 _ _	Valley Canopy	46-1/2 x 75 x 1-1/4"
6260 _ _	Hill Canopy	36 x 36 x 1-1/4"
6261 _ _	Valley Canopy	36 x 36 x 1-1/4"

PERFORMANCE

Dots represent high level of performance.

Sabin/ Panel	Fire Rating	Light Reflect (White Only)	Wash	Scratch	Soil	Recycled Content	Recycle Program
			Durability				
30	Class A	0.90 ●	•	•	•	•	•
30	Class A	0.90 ●	•	•	•	•	•
11.25	Class A	0.90 ●	•	•	•	•	•
11.25	Class A	0.90 ●	•	•	•	•	•

ACCESSORIES

Item Number	Description
625530	Extended Hanging Cables – (4) 30' Cables
7006	Escutcheon Kit – Used when hanging canopy below an existing ceiling; two kits needed per SoundScapes panel.

** Add 2-letter color suffix to item number when specifying or ordering (e.g. 6258 L M)
NOTE: SoundScapes Canopies kits include canopies, installation hardware, and 16' cables.

PHYSICAL DATA

Material
Mineral fiber pre-formed in canopy shape

Panel Arc
Fixed 129" radius

Surface Finish and Edge Detail
DuraBrite® scrim on all sides, finished square edges

Fire Performance
ASTM E84 Class A per IBC

SoundScapes® Canopies, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Performance (based on 48" x 72" canopy)
30 Sabin per panel using ASTM C423, or 78% more sound absorption than the same square footage of NRC 0.70 continuous ceilings.

Design Considerations
SoundScapes® Canopies cannot be cut, drilled, or altered in any way. Panels can be damaged by exposure to moisture, to high temperatures, and to high humidity. They are not approved for exterior application.

Canopies must be installed a minimum of 18" apart. Lipping may be visible in installations closer than 18".

Field painting may affect the acoustical and/or fire performance, is not recommended, and will void the product warranty.

Special care in installation and handling must be taken with color canopies to avoid surface damage to the paint finish.

The SoundScapes cable hanging system must not hang from any commercial ceiling suspension system. The canopy must not be used to support any other material.

Installation Considerations
SoundScapes® Canopies must remain in their cartons until ready to hang. They require two people to handle and install a panel safely. Do not remove the canopy edge protectors until the panel is installed. Canopies in colors other than White require additional care to reduce scuffing. See installation instructions on web site for details.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension System
Embedded, flush-mounted hardware system and aircraft cables provided in panel kits.

Warranty
Details at armstrong.com/warranty

Weight
Bulk packaged per order
6258, 6259 – 50 lbs per panel
6260, 6261 – 19.4 lbs per panel

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RAL is a registered trademark of RAL gGmbH

SOUNDSCAPES® Shapes

Acoustical Clouds



SoundScapes® Shapes panels in Pale Lemon

Acoustics delivered via playful shapes and colors in standard and custom options.

KEY SELECTION ATTRIBUTES

- Enhance acoustics in open areas
- Aesthetically define spaces
- Standard flat panels in multiple sizes and shapes; custom shapes available
- Adjustable to various heights and angles
- 360º panel finishing capability available
- Quick and easy to install from a deck, through a ceiling, directly attached to drywall, on a standard suspension system, or on a wall
- Metaphors® Coffers, Create!™ ceiling panels, Infusions® Canopies, lay-in panels, partitions, walls, and Wings available in coordinating colors



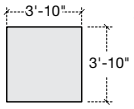
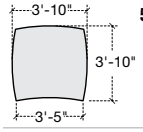
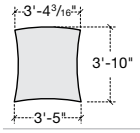
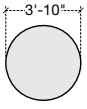
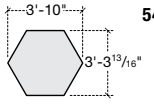
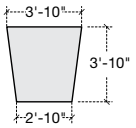
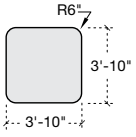
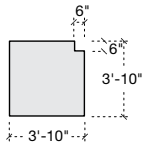
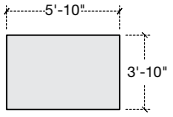
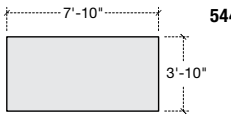
See more photos at:
armstrong.com/photogallery
SEARCH: soundscapes shapes

COLORS Due to printing limitations, shade may vary from actual product.

White (WH) · Shell (SH) · Pale Lemon (LM) · Pecan (PC) · Sky (SK) · Moss (MS) · Stone (SE) · Reef (RE) · Lagoon (LA) · Plum (PM) · Cranberry (CN) · Kiwi (KW) · Tangerine (TG) · Black (BK) · Made-to-order Sherwin-Williams® Colors Available

To see coordinating Ultima® and Optima® Create!™ panel colors and RAL colors, visit armstrong.com/createcolors.
Custom colors are available with a Sherwin-Williams 4-digit color code from the Duration or Harmony flat interior paint families (Code SW _ _ _ _).

PANEL OPTIONS (shown in finish view from below ceiling)

	Item Number◆	Description/ Dimensions (Inches)
	**5440**_ _	Square 48 x 48 x 7/8" (Nominal)
	**5441**_ _	Convex 48 x 48 x 7/8" (Nominal)
	**5442**_ _	Concave 48 x 48 x 7/8" (Nominal)
	**5443**_ _	Circle 48 x 48 x 7/8" (Nominal)
	**5444**_ _	Hexagon 48 x 48 x 7/8" (Nominal)
	**5445**_ _	Trapezoid 48 x 48 x 7/8" (Nominal)
	**5635**_ _	Square – 6" Radius cut corner 48 x 48 x 7/8" (Nominal)
	**5636**_ _	Square – 6" Square cut corner 48 x 48 x 7/8" (Nominal)
	**5448**_ _	Small Rectangle 48 x 72 x 7/8" (Nominal)
	**5449**_ _	Large Rectangle 48 x 96 x 7/8" (Nominal)

◆ NOTE: Add 2-letter color suffix when specifying or ordering (e.g. 5440 W H for Square Panel in White).
Concealed hardware with 360° finishing available on all Shapes except Hexagon.

Sherwin-Williams®, Duration®, and Harmony® are registered trademarks of The Sherwin-Williams Company
RAL is a registered trademark of RAL gGmbH

Armstrong®

SOUNDSCAPES® Shapes

Acoustical Clouds

71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

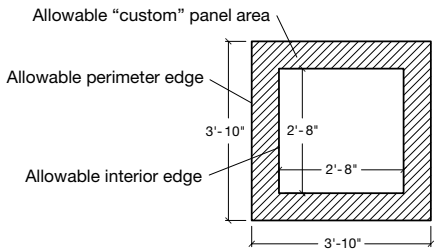
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓					✓

▲ LOCATION DEPENDENT

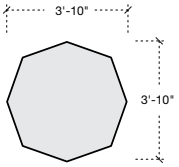
CUSTOM SHAPES

Create your own shapes!

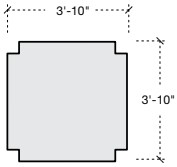
Simply carve your creation out of the allowable custom panel area (interior edge to perimeter edge) as instructed below and send a CAD file to TechLine. For assistance, call 1 877 ARMSTRONG.



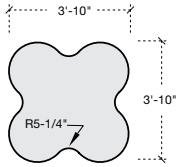
DESIGN IDEAS



Item 5692



Item 5693



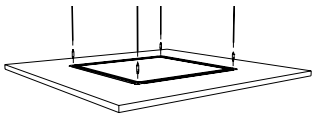
Item 5694

HUNDREDS OF WAYS TO CONFIGURE SOUNDSCAPES® SHAPES PANELS

Individual Suspension



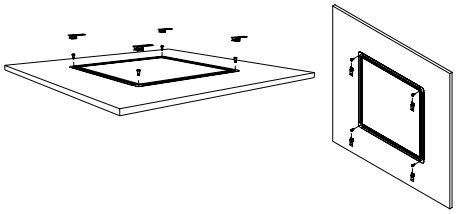
(3) Items 5443 in White



Individual Attachment to Drywall or Solid Surface



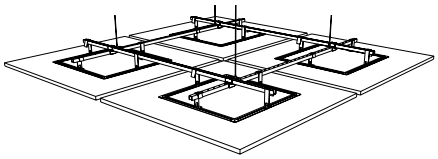
(2) Items 5440 and 5448 in Tangerine (upper wall and ceiling)



Group Suspension



Items 5441 and 5442 in White



ACCESSORY KITS

Deck Hanging Kit (5450)

Drywall Hanging Kit (5455)
Wall Hanging Kit (5588)

Deck Hanging Kit (5450)
Grouping Frames Kit (5451 _ _)
Frame Alignment Kit (5453)
Panel Hook Kit (545 _ _)

PHYSICAL DATA

Material
7/8" thick fiberglass with DuraBrite® scrim on face and sides or custom 1-3/4" thick fiberglass with DuraBrite scrim on all sides (360º finishing). To order custom panels, contact TechLine at 1 877 ARMSTRONG.

Surface Finish
DuraBrite scrim with factory-applied paint on face and sides. Standard White has energy-saving, high light-reflective finish (LR 0.90). Back of panel is unfinished with embedded metal extrusions.

Fire Performance
SoundScapes Shapes panel material is ASTM E84 Class A: Flame Spread 25 or under and Smoke Developed 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

SoundScapes Shapes clouds, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Type XII, Form 2, Pattern E

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Performance
1.49 Sabins per square foot or 66% more sound absorption than the same square footage of NRC 0.90 continuous ceilings. Color shapes have slightly reduced acoustical performance.

Design Considerations
SoundScapes Shapes clouds maintain a natural sag that may not be noticeable when installed 6" or less apart. Deflection up to 1/8" has been documented in some cases.

Shapes available with 360º finishing for use in areas where panel back is exposed (can only be installed with included individual suspension).

Special care in installation and handling must be taken with color shapes to avoid surface damage to the paint finish. Custom colors are available. Contact TechLine with a Sherwin-Williams® color code from the Durations or Harmony flat interior paint families (Code SW _ _ _ _).

Custom shapes are available by providing a custom shape drawing within guidelines and sending to TechLine. Call 1 877 ARMSTRONG for assistance.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension Systems
SoundScapes Shapes clouds are pre-assembled with metal extrusions in the back of the panels. Standard accessory kits facilitate quick and easy installation from the deck, through a ceiling, or directly attached to drywall. See Installation Instructions BPLA-297302 for installation details.

Warranty
Details at armstrong.com/warranty

Panel Weight
0.63 lbs/SF

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WOODWORKS®

Accent & Acoustical Canopies

92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics ✓

▲ LOCATION DEPENDENT



WoodWorks® Canopies 48" x 96" S-curve in Natural Variations™ Light Cherry finish

These aesthetically pleasing canopies in warm, natural wood veneers, offer an acoustical performance when perforated.

KEY SELECTION ATTRIBUTES

- Choose from Hill, Valley, or S-curve dual radius canopies
- Adjustable to different heights and angles
- Perforated option available for better acoustics on hill and valley canopies
- Concealed mounting hardware for a clean look above and below

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations (Real Wood Veneers)



Beech (NBE) | Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)

Bamboo (Veneer is Rapidly Renewable)



Patina (BAP) | Native (BAN)

PERFORATION OPTIONS

(Actual 1:6 scale shown)



W1 (Unperforated) | W3 (Rd 6006)

NOTE: Rd 6006 perforation on Hill and Valley only. Black fleece adhered to the back of panels for improved acoustics.

VISUAL SELECTION

PERFORMANCE

Item Number◆	Description	Shape	Dimensions (Inches)	Fire Rating
WOODWORKS Canopies				
5918_ _ _ _ _	Hill		72 x 36 x 3/4"	Class A
5919_ _ _ _ _	Valley		72 x 36 x 3/4"	Class A
5920_ _ _ _ _	Hill		96 x 48 x 3/4"	Class A
5921_ _ _ _ _	Valley		96 x 48 x 3/4"	Class A
5979_ _ _ _ _	S-curve		96 x 48 x 7/8"	Class A

◆ When specifying or ordering, include the appropriate 5-digit perforation and color suffix (e.g. 5918W 1 N D C) with the item number.
NOTE: Suspension cables are shipped with canopies.

SUSPENSION COMPONENTS

	Description	Color	Pieces/Carton
	WoodWorks Canopy Hanging Kit *	Metal	1 kit

* Each Caonpy Hanging Kit includes four hanging assemblies and is shipped with canopy. Use one kit for canopy.

PHYSICAL DATA

Material
Hill/Valley – fire retardant particle board with face-cut veneers. S-curve – fire retardant medium density fiberboard with face-cut veneers.

Panel Arc
Hill or Valley – 12' radius
S-curve – 8' radius

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.
WoodWorks® Canopies, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

ASTM E1264 Classification
Composite – Fire Class A

Acoustical Performance
16.3 Sabins per perforated wood canopy with acoustical fleece.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.
It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50˚F and 86˚F must be maintained.

Design Considerations
WoodWorks® Canopies® are not approved for exterior application. The WoodWorks Canopies cable hanging system must not hang from any commercial ceiling suspension system. The canopy must not be used to support any other material.
Concealed hardware (painted black) may be visible.

Installation Considerations
WoodWorks® Canopies require two people to handle and install a panel safely. See installation instructions on web site for details at armstrong.com/installation.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Suspension System
Hardware and 8' cables included in kit

Warranty
Details at armstrong.com/warranty

Weight/SF
Hill or Valley – 2.5 lbs per SF (Bulk packaged)
S-curve – 3.5 lbs per SF (Bulk packaged)

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/woodworks
(search: woodworks canopies)
BPCS-4057-1115

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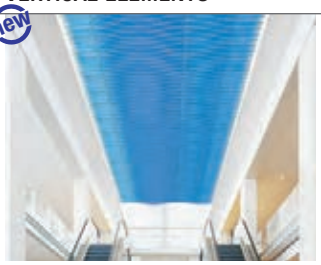
vertical elements



Soundscapes® Blades™ in custom colors
Frankie's Fun Park, Raleigh, NC
Carol Bacon with ADW Architects, P.A., Charlotte, NC

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

VERTICAL ELEMENTS



Infusions® Blades – Concepts™ Pgs. 53-54



MetalWorks™ Blades – Concepts Pgs. 55-56



MetalWorks™ Blades – Classics™ Pgs. 57-58



SoundScapes® Blades™ Pgs. 59-60



Soundsoak® Baffles Pgs. 61-62

ICON KEY

Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics

Sabin measures are noted under physical data for each product.

Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

Seismic

Category D, E & F

Fire Performance

Class A

Light Reflectance

Light reflectance of 0.83 or greater.

BioBlock®

Inhibits or retards growth of mold and mildew

Humidity/Sag Resistance

HumiGuard® Plus

Superior sag resistance, recommended for areas subject to high humidity, up to standing water and outdoor applications.

High Durability

Washability

Offers superior wash resistance without compromising panel finish integrity.

Scrubbability

Withstands up to 150 scrub cycles using a scrubbability tester as per modified ASTM D2486

Impact Resistance

Excellent resistance to surface impact as per Falling Ball Test

Scratch Resistance

Excellent resistance to surface scratching, scuffing, or chipping as per Hess Rake Test.

Soil Resistance

Excellent resistance to dirt and/or grease for lasting value and performance.

Color Availability

Available in color.

Recycle Program

Product is recyclable through the Armstrong Recycling Program.

For information about MetalWorks™ Blades™ panels, SoundScapes Blades panels, and custom Soundsoak® Baffles, contact TechLine at 1 877 ARMSTRONG

enhance acoustics WITH VERTICAL ELEMENTS

You Can Use Vertical Elements to Enhance Design and Acoustical Performance

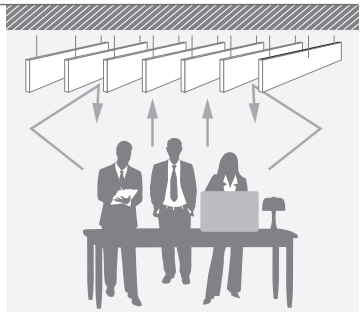
Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

Sabin

The preferred metric for measuring acoustics for "space absorbers" like clouds and canopies.

Acoustical absorption for a suspended ceiling is calculated by multiplying the exposed surface area by the material NRC, while "space absorbers" are directly measured.

Acoustical clouds and canopies can provide greater sound absorption than a continuous ceiling of the same surface area, because the sound is absorbed from both the front and back surfaces.



Vertical Elements
At-a-Glance

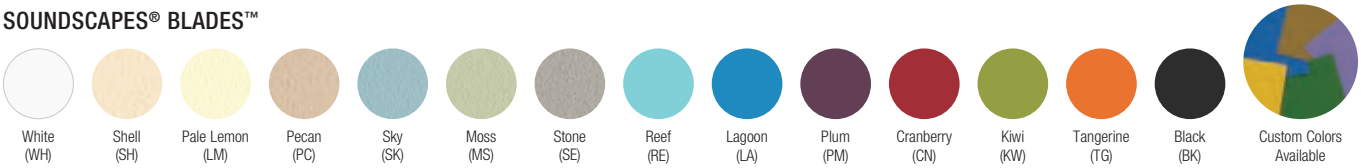
METALWORKS™ BLADES – CLASSICS™



METALWORKS™ BLADES – CONCEPTS™



SOUNDSCAPES® BLADES™

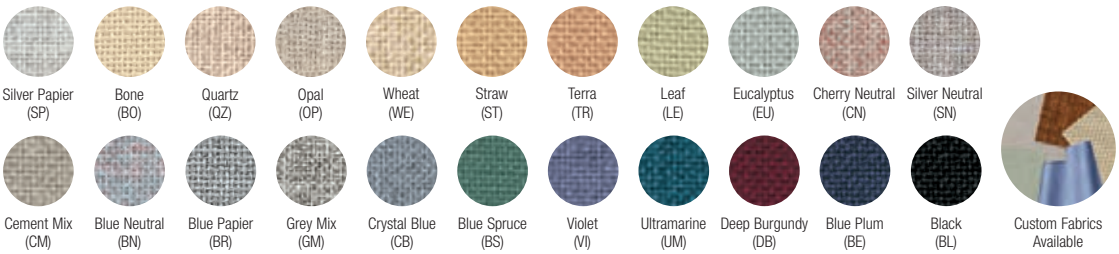


To see coordinating Ultima® & Optima® Create!™ panel colors and RAL colors, visit armstrong.com/createcolors.
Custom colors are available with a Sherwin-Williams®. 4-digit color code from the Duration or Harmony flat interior paint families (Code SW _ _ _ _)

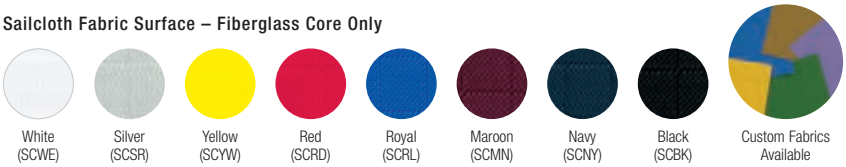
SOUNDSOAK® BAFFLES

Woven Fabric Surface – BioAcoustic™ & Fiberglass Cores

FR-701®

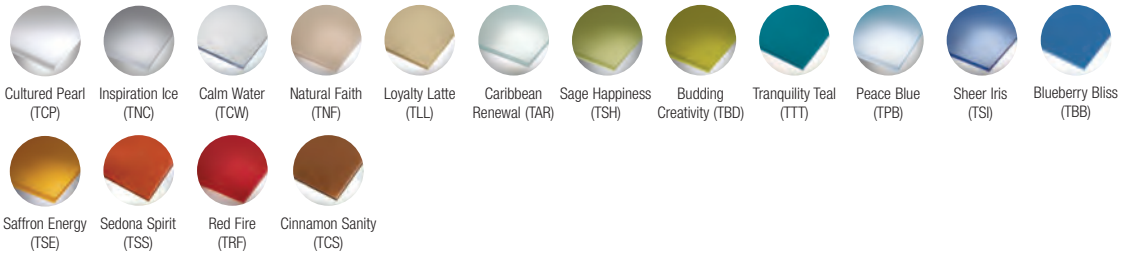


Sailcloth Fabric Surface – Fiberglass Core Only



INFUSIONS® BLADES – CONCEPTS™

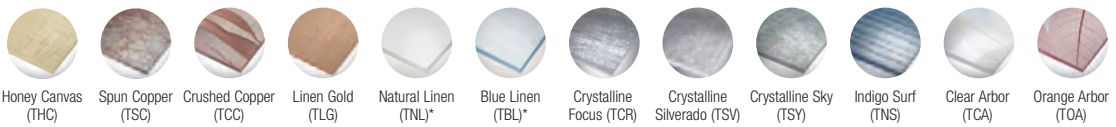
Solids



SoundScapes® Coordinating Colors



Patterns

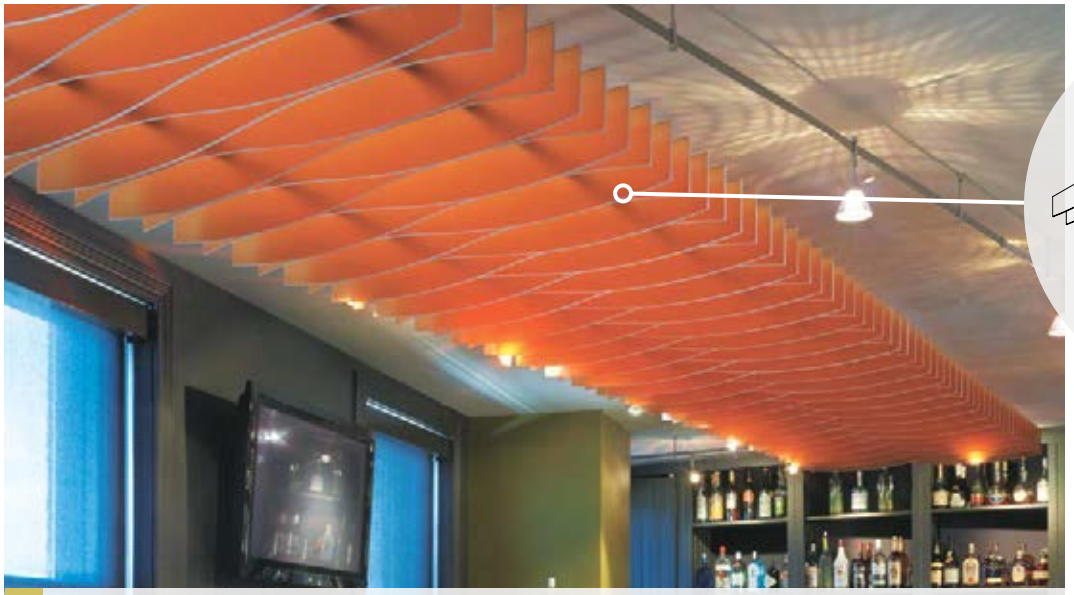


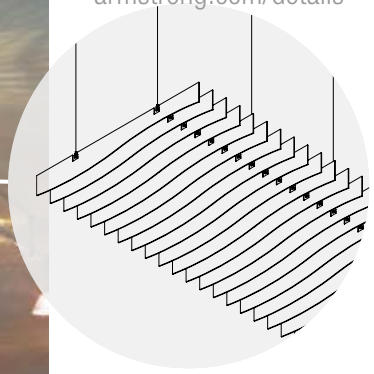
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RAL is a registered trademark of RAL gGmbH
FR-701® is a registered trademark of Guilford of Maine

INFUSIONS® Blades – Concepts™

Linear Panels
smooth texture

CAD/Revit® drawings at:
armstrong.com/details





Infusions® Blades – Concepts™ vertical panels in Refined Tangerine

Playful translucent vertical panels, with unique wave designs, interplay with lighting, colors, and textures.

KEY SELECTION ATTRIBUTES

- Create a colorful accent area or add dramatic visual impact with a full room installation
- Unique wave designs can create a variety of visuals depending on the spacing of the vertical panels and the direction of installation
- Translucent Blades™ panels coordinate with Armstrong and other interior finishes, including Infusions® Walls, Partitions and Canopies, and SoundScapes® Blades™ and Shapes
- Patent pending system offers fast and easy installation

COLORS – SOLIDS
Due to printing limitations, shade may vary from actual producrt

Solids

Cultured Pearl (TCP)
Inspiration Ice (TNC)
Calm Water (TCW)
Natural Faith (TNF)
Loyalty Latte (TLL)
Caribbean Renewal (TAR)
Sage Happiness (TSH)
Budding Creativity (TBD)
Tranquility Teal (TTT)
Peace Blue (TPB)
Sheer Iris (TSI)
Blueberry Bliss (TBB)
Saffron Energy (TSE)
Sedona Spirit (TSS)
Red Fire (TRF)
Cinnamon Sanity (TCS)

SoundScapes® Coordinating Colors

Refined Kiwi (TRK)
Refined Reef (TRR)
Refined Lagoon (TRL)
Refined Plum (TRP)
Refined Tangerine (TRT)
Refined Cranberry (TRC)
Refined Black (TRB)

COLORS – PATTERNS
Due to printing limitations, shade may vary from actual product.

Goldtones

Honey Canvas (THC)
Spun Copper (TSC)
Crushed Copper (TCC)

Linen

Linen Gold (TLG)
Natural Linen (TNL)†
Blue Linen (TBL)†

Crystallines

Crystalline Silverado (TSV)
Crystalline Focus (TCR)
Crystalline Sky (TSY)

Tones-on-tones

Indigo Surf (TNS)

Arbors

Clear Arbor (TCA)
Orange Arbor (TOA)

* Due to the unique nature of the woven fabric used in these products, color may vary from blade to blade.

INFUSIONS® Blades – Concepts™

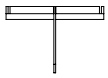
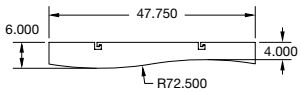
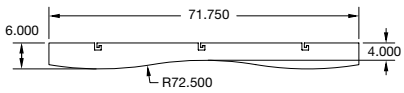
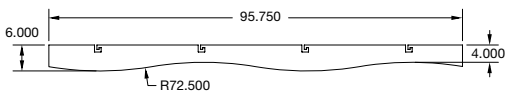
Linear Panels
smooth texture

LEED®: energy management; construction waste mgmt; regional materials ✔; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

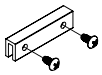
PANEL SELECTION

PERFORMANCE

Edge Profile	Item Number◆	Dimensions Nominal H x L† (Inches) Custom Sizes Available	Fire Rating	Warranty
INFUSIONS® Blades – Concepts™				
	**7087**_ _ _	6 x 48 x 1/4" 	Class A	1-Yr
	7086_ _ _	6 x 72 x 1/4" 	Class A	1-Yr
	7085_ _ _	6 x 96 x 1/4" 	Class A	1-Yr

◆ When specifying or ordering, include the appropriate 3-letter color suffix. (Example: 7086 T S H)
† Thickness of panels varies by pattern from 0.245" to 0.298".

SUSPENSION COMPONENTS

	Item Number	Description	Color	Pieces/Carton
	**7137AB**	96" Suspension Bar with connector holes on both ends	Anodized Black	8 bars/4 connectors
	7136AB	94.5" Suspension Bar with connector holes on one end	Anodized Black	8 bars/4 connectors
	7135AB	93" Suspension Bar (no connector holes)	Anodized Black	8 bars
	**6651AB**	Suspension Bar End-to-End Connectors	Anodized Black	5
	**6655**	Blades™ Hanging Kit*	Metal	1 kit

* Each Blades™ Hanging Kit includes four hanging assemblies. Use one kit for each suspension bar.

PHYSICAL DATA

Material
Polycarbonate

Surface Finish
Smooth

Fire Performance
Infusions Blades – Concepts panels have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

Designers and Installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Contact TechLine at 1 877 ARMSTRONG for specific US and Canadian fire performance data.

Design Considerations
Infusions Blades – Concepts panels are not approved for exterior application.

Due to the unique nature of the woven fabric used in this product, Natural Linen and Blue Linen colors may vary panel to panel.

The wave design on Infusions® Blades - Concepts™ panels is a 4' pattern. Six foot Blades™ panels should only be pared with 4' or 8' Blades™ panels. Six Foot Blades™ panels should not be placed end-to-end when used with 4' and 8' Blades™ panels.

Installation Considerations
Do not allow panel edges to get wet or be exposed to moisture.

Any fixtures adjacent to Infusions Blades – Concepts panels must be independently supported. There is potential for limited natural deflection of panels.

Infusions Blades – Concepts panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F.

Follow these guidelines for minimum distance from standard light sources.

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

Additional light transmission information is available at armstrong.com/infusions

Spacing between two adjacent Blades™ panel ends must be a minimum of 1/4".

Seismic Restraint
Infusions Blades – Concepts panels have been engineered, tested, and approved for use in all seismic areas. OSHPD/DSA installations may require additional attachment from panel to suspension bar. Consult Armstrong to special order panels to accommodate these applications.

Warranty
Details at armstrong.com/warranty

Weight; Pieces/Carton
1.63 lbs/SF
7085, 7086 – 8 pcs/ctn
7087 – 16 pcs/ctn

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/infusions
(search: infusions blades concepts)
BPCS-5091-815

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METALWORKS™ Blades – Concepts™

Linear Panels
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Blades – Concepts™ vertical panels in Walnut

Vertical panels, in unique wave designs are available in rich, wood-look visuals.

KEY SELECTION ATTRIBUTES

- Create an accent area or add dramatic visual impact with a full room installation
- Unique wave designs can create a variety of visuals depending on the spacing of panels and the direction of installation
- Rich wood looks bring warmth to any space
- Perfect for both renovation and new construction projects
- Patent-pending system offers fast and easy installation

COLORS

Due to printing limitations, shade may vary from actual product.



Cherry (CCH) | Walnut (CWN) | Mahogany (CMH)

UP TO 20% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓	✓			✓	✓				

▲ LOCATION DEPENDENT

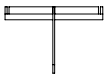
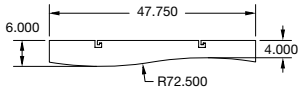
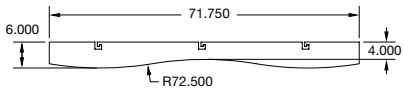
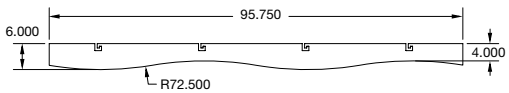
new METALWORKS™ Blades – Concepts™

Linear Panels
smooth texture

PANEL SELECTION

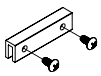
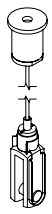
PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Dimensions Nominal H x L (Inches) Custom Sizes Available		Wash	Scrub	Scratch	Soil
							Durability
METALWORKS™ Blades – Concepts™							
	**7090**_ _ _		48 x 6 x .157"	•	•	•	•
	7089_ _ _		72 x 6 x .157"	•	•	•	•
	7088_ _ _		96 x 6 x .157"	•	•	•	•

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 7088 C C H)

SUSPENSION COMPONENTS

	Item Number	Description	Color	Pieces/Carton
	**7208AB**	96" Suspension Bar with connector holes on both ends	Anodized Black	10 bars/5 end connectors
	7207AB	94.5" Suspension Bar with connector holes on one end	Anodized Black	10 bars/5 end connectors
	7206AB	93" Suspension Bar (no connector holes)	Anodized Black	10 bars
	**6651AB**	Suspension Bar End-to-End Connectors	Anodized Black	5
	**6655**	Blades™ Hanging Kit*	Metal	1 kit

* Each Blades Hanging Kit includes four hanging assemblies. Use one kit for each suspension bar.

PHYSICAL DATA

Material
Aluminum composite material – .157" thick (Aluminum with fire retardant mineral core)

Surface Finish
Factory-applied polyester paint

Fire Performance
Tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Recycled Content
Up to 20% recycled content

Design Considerations
MetalWorks Blades – Concepts panels are not approved for exterior application.

Lighting will reflect differently through cut edges.

The wave design on MetalWorks™ Blades - Concepts™ panels is a 4' pattern. Six foot Blades™ panels should only be pared with 4' or 8' Blades™ panels. Six Foot Blades™ panels should not be placed end-to-end when used with 4' and 8' Blades™ panels

Installation Considerations
Any fixtures adjacent to MetalWorks Blades – Concepts panels must be independently supported.

Adjacent panel ends must be spaced a minimum of 1/4" apart.

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Seismic Restraint
MetalWorks Blades – Concepts panels have been engineered, tested, and approved for use in all seismic areas. OSHPD/DSA installations may require additional attachment from panel to suspension bar. Consult Armstrong to special order panels to accommodate these applications. Refer to ASCE 7–10, section 13.5 architectural components for details on seismic requirements.

Warranty
Details at armstrong.com/warranty

Weight; Pieces per Carton
0.50 lbs/LF; 10 pcs

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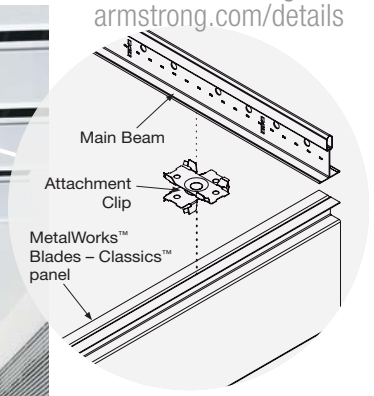
METALWORKS™ Blades – Classics™

Linear Panels with Acoustical Options
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Blades – Classics™ vertical panels in Whitelume, with M15 perforation





See more photos at:
armstrong.com/photogallery
SEARCH: metalworks blades – classics

Durable metal vertical panels in upscale linear designs are available in acoustical or non-acoustical options.

KEY SELECTION ATTRIBUTES

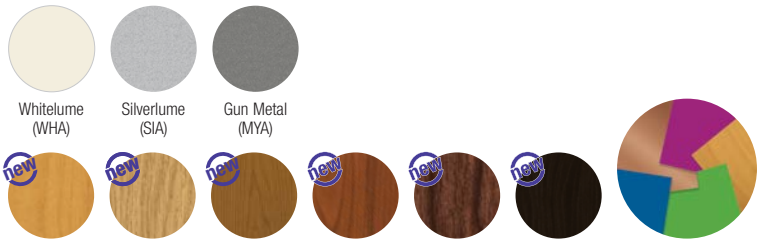
- Now available in six Effects™ Wood Looks finishes
- Create acoustical or non-acoustical upscale linear designs
- Blades™ panels come with two end caps, one end cap, or no end caps for maximum design flexibility
  - Join several Blades™ panels together to create a longer run
  - Use double end capped panel for access areas
- Blades™ panel spacing is variable to accommodate a variety of design and acoustical needs
- Fast, easy installation with standard Prelude® XL® 15/16" suspension system
- Custom RAL colors available on unperforated panels



MetalWorks™ Blades – Classics™ Effects™ Dark Cherry

COLORS

Due to printing limitations, shade may vary from actual product.

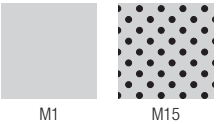


Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA)

Effects Maple (FXMP) | Effects Oak (FXOK) | Effects Cherry (FXCH) | Effects Dark Cherry (FXDC) | Effects Walnut (FXWN) | Effects Walnut Espresso (FXWE) | Custom Colors Available

PERFORMANCE OPTIONS

(1:2 scale shown)



M1 (Unperforated) | M15 (Rd 1612)

Additional sizes and colors may be available. For more information, visit our web site at armstrong.com/metalworks or call TechLine customer support at 1 877 ARMSTRONG.

UP TO 20% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓					✓	✓				

▲ LOCATION DEPENDENT

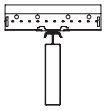
METALWORKS™ Blades – Classics™

Linear Panels with Acoustical Options
smooth texture

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number ◆	Description/Dimensions L x W x D (Inches) Custom Sizes Available	Sabins/ Panel†	Wash	Scrub	Soil
				Durability		
METALWORKS™ Blades – Classics™						
	**7201**_ _ _ _ _ _ _ 	Vertical panel with caps on both ends 95 x 4 x 1"	2.5 •	•	•	•
	7202_ _ _ _ _ _ _ 	Vertical panel with cap on one end 96 x 4 x 1"	2.5 •	•	•	•
	7203_ _ _ _ _ _ _ 	Vertical panel with no end caps 96 x 4 x 1"	2.5 •	•	•	•

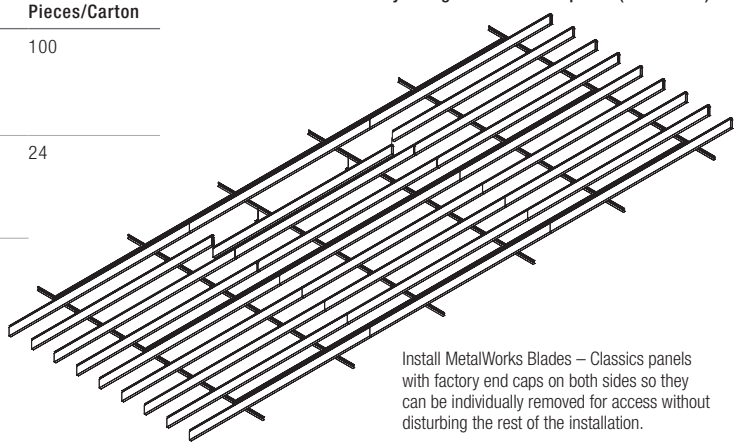
◆ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g., 7201 M 1 5 F X M P).
† With M15 perforation

ACCESSORIES

	Item Number	Description	Pieces/Carton
	**7204** _ _ ◆	MetalWorks Blades – Classics Attachment Clip (SS – Stainless Steel and KO – Black Oxide)	100
	**7205**	MetalWorks Blades – Classics Alignment Device	24

◆ When specifying or ordering, include the appropriate 2-letter color suffix, SS – Stainless Steel or KO – Black Oxide, (e.g., 7204 S S).

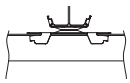
Create access areas by using 95" Blades™ panel (Item 7201)



Install MetalWorks Blades – Classics panels with factory end caps on both sides so they can be individually removed for access without disturbing the rest of the installation.

SUSPENSION SYSTEMS

15/16"



Prelude® XL® Black or Heavy-duty 360º Painted Grid

COLORS AND PERFORATIONS

Whitelume (WHA)	Effects™ Maple (FXMP)	Effects Dark Cherry (FXDC)	M1 (Unperforated)
Silverlume (SIA)	Effects Oak (FXOK)	Effects Walnut (FXWN)	M15 (Rd 1612)
Gun Metal (MYA)	Effects Cherry (FXCH)	Effects Walnut Espresso (FXWE)	

PHYSICAL DATA

Material
Aluminum – thickness 0.032"

Surface Finish
Factory-applied polyester paint. Custom colors also available.

Fire Performance
Tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Acoustical Options
Perforated panels are supplied with a black fiberglass fleece to absorb sound (2.5 sabins/panel).

Recycled Content
Minimum 20% recycled content available.

Design Support
Project management assistance is available by calling TechLine customer support at 1 877 ARMSTRONG.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

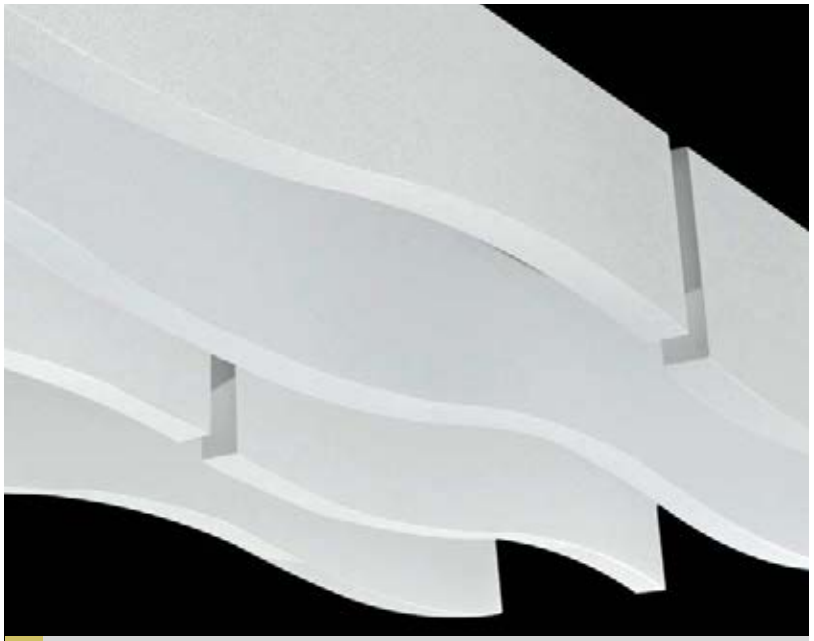
Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
1.41 – 1.43 lbs/SF

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SOUNDSCAPES® Blades™

Linear Acoustical Panels
smooth texture



SoundScapes® Blades™ vertical panels in 4' wavelength wave in 46" and 94" lengths in White

Acoustical vertical panels reduce reverberation time in your space, now in three new depths and 10 new curved profiles for wave designs

KEY SELECTION ATTRIBUTES

- Excellent acoustical absorption – 1.38 sabins/ft²
- Twenty vertical panel sizes
- Linear, upscale visual
- Seismic tested
- Integrated hardware
- Installs from a standard suspension system or individual suspension



See more photos at:
armstrong.com/photogallery
SEARCH: soundscapes blades

COLORS
Due to printing limitations, shade may vary from actual product.

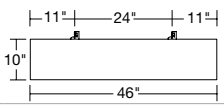
White (WH) · Shell (SH) · Pale Lemon (LM) · Pecan (PC) · Sky (SK) · Moss (MS) · Stone (SE) · Reef (RE) · Lagoon (LA) · Plum (PM) · Cranberry (CN) · Kiwi (KW) · Tangerine (TG) · Black (BK) · Custom Colors Available

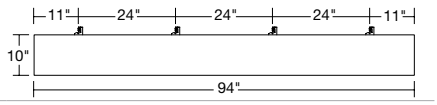
To see coordinating Calla™ panel colors, visit armstrong.com/colorations.

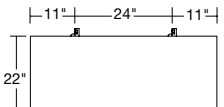
VISUAL SELECTION
Shown in elevation view

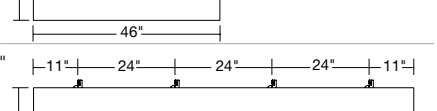
PERFORMANCE
Dots represent high level of performance.

Item Number◆	Description	Dimensions (Inches)	Sabins/ Panel	Light Reflect (White Only)	Fire Rating	Anti-Microbial	Sag Resist	Wash	Impact	Scratch	Soil	Recycle
						Bio-Block	Humi-Guard+	Durability				
3920_ _	Vertical panel	10 x 46 x 2"	4.4	0.90 •	Class A	Inherent •	•	•	•	•	•	•
3921_ _	Vertical panel	10 x 94 x 2"	6.5	0.90 •	Class A	Inherent •	•	•	•	•	•	•
3922_ _	Vertical panel	22 x 46 x 2"	9.7	0.90 •	Class A	Inherent •	•	•	•	•	•	•
3923_ _	Vertical panel	22" x 94" x 2"	19.8	0.90 •	Class A	Inherent •	•	•	•	•	•	•









SOUNDSCAPES® Blades™

Linear Acoustical Panels
smooth texture

71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp. ✓; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality ✓; acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION Shown in elevation view

PERFORMANCE Dots represent high level of performance.

Item Number◆	Description	Dimensions (Inches)	Sabins/ Panel	Light Reflect (White Only)	Fire Rating	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Wash (Durability)	Impact (Durability)	Scratch (Durability)	Soil (Durability)	Recycle Program
SOUNDSCAPES® Blades™ Vertical Panel Rectangular (continued)												
new **7190_ _**	Vertical panel Rectangular	5 x 46 x 2"	2.2	0.90 •	Class A	•	•	•	•	•	•	•
new **7191_ _**	Vertical panel Rectangular	5 x 94 x 2"	4.5	0.90 •	Class A	•	•	•	•	•	•	•
new **7192_ _**	Vertical panel Rectangular	16 x 46 x 2"	7.0	0.90 •	Class A	•	•	•	•	•	•	•
new **7193_ _**	Vertical panel Rectangular	16 x 94 x 2"	14.4	0.90 •	Class A	•	•	•	•	•	•	•
new **7194_ _**	Vertical panel Rectangular	28 x 46 x 2"	12.3	0.90 •	Class A	•	•	•	•	•	•	•
new **7195_ _**	Vertical panel Rectangular	28 x 94 x 2"	25.2	0.90 •	Class A	•	•	•	•	•	•	•
SOUNDSCAPES® Blades™ Vertical Panel Wave												
new **7240_ _**	Vertical panel 8' Wavelength Concave	7.5 x 46 x 2"	3.5	0.90 •	Class A	•	•	•	•	•	•	•
new **7241_ _**	Vertical panel 8' Wavelength Convex	10.5 x 46 x 2"	4.4	0.90 •	Class A	•	•	•	•	•	•	•
new **7242_ _**	Vertical panel 8' Wavelength Concave	19.5 x 46 x 2"	8.8	0.90 •	Class A	•	•	•	•	•	•	•
new **7243_ _**	Vertical panel 8' Wavelength Convex	22.5 x 46 x 2"	9.7	0.90 •	Class A	•	•	•	•	•	•	•
new **7244_ _**	Vertical panel 8' Wavelength Wave	10.5 x 94 x 2"	8.1	0.90 •	Class A	•	•	•	•	•	•	•
new **7245_ _**	Vertical panel 8' Wavelength Wave	22.5 x 94 x 2"	18.9	0.90 •	Class A	•	•	•	•	•	•	•

SOUNDSCAPES® Blades™

Linear Acoustical Panels
smooth texture

71% RECYCLED CONTENT

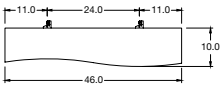
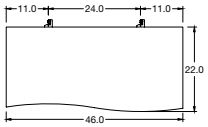
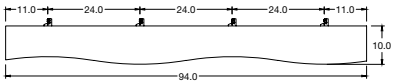
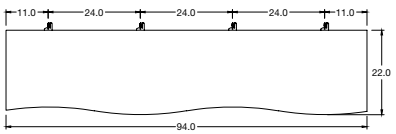
Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality ✓; acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION Shown in elevation view

PERFORMANCE Dots represent high level of performance.

Item Number◆	Description	Dimensions (Inches)		Sabins/ Panel	Light Reflect (White Only)	Fire Rating	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Wash (Durability)	Impact (Durability)	Scratch (Durability)	Soil (Durability)	Recycle Program
SOUNDSCAPES® Blades™ Vertical Panel Wave (continued)													
new **7246_ _**	Vertical panel 4' Wavelength Wave	10 x 46 x 2"		4.0	0.90 •	Class A	•	•	•	•	•	•	•
new **7247_ _**	Vertical panel 4' Wavelength Wave	22 x 46 x 2"		9.3	0.90 •	Class A	•	•	•	•	•	•	•
new **7248_ _**	Vertical panel 4' Wavelength Wave	10 x 94 x 2"		8.1	0.90 •	Class A	•	•	•	•	•	•	•
new **7249_ _**	Vertical panel 4' Wavelength Wave	22 x 94 x 2"		18.9	0.90 •	Class A	•	•	•	•	•	•	•

NOTE: Scrimmed top edges offered as "Premium." EXAMPLE: BPAS392056WH, where "56" = scrimmed all sides.
◆ Add 2-letter color suffix to end of item number (e.g., 3920 W H = White)

VERTICAL ELEMENTS

SOUNDSCAPES® Blades™

Linear Acoustical Panels
smooth texture

71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓				✓				✓	✓

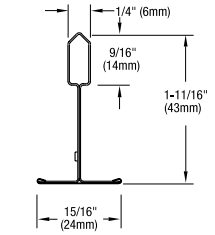
▲ LOCATION DEPENDENT

INSTALLATION OPTIONS

Group Suspension

Item No.	Description	Lin Ft/Carton
PRELUDE® XL®		
7301	HD Main Beam	240
XL7341	48" Cross Tee	240
XL8320	24" Cross Tee	120
7800	7/8" Wall Angle	360
360º PAINTED GRID		
56418	144" HD Main Beam	240
56421	48" Cross Tee	240
56419	24" Cross Tee	120
7800	7/8" Wall Angle	360

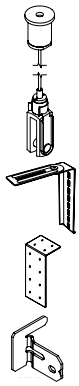
360º Painted Grid suspension system available in RAL colors.





Individual Suspension

Item No.	Description	Pieces/Carton
SUSPENSION HARDWARE		
BP6655	4-Point Hanging Kit	4 per bag
ACCESSORIES		
ARBRKT	Adjustable Hanger Bracket	80
QSUTC	Rigid Attachment Clip	150
STAC	Single Tee Adapter Clip	120



PHYSICAL DATA

Material
2" thick fiberglass with DuraBrite® scrim on face and sides.

Surface Finish
DuraBrite scrim with factory-applied paint on face and sides. Standard White has energy-saving, high light-reflective finish (LR 0.90). Top of panel is unfinished with embedded hanging clips.

Fire Performance
SoundScapes® Blades™ panel material is ASTM E84 Class A: Flame Spread 25 or under and Smoke Developed 50 or less.

SoundScapes Blades panels, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

Acoustical Performance
1.38 Sabins per square foot or 64% more sound absorption than the same square footage of NRC 0.90 continuous ceilings. Colored Blades™ panels have slightly reduced acoustical performance.

Design Considerations
SoundScapes Blades panels maintain a natural bow that may be noticeable when installed 2" or less apart. Deflection up to 1/8" has been documented in some cases.

Special care in installation and handling must be taken with color panels to avoid surface damage to the paint finish. Custom colors are available with a Sherwin-Williams® color code from the Duration® or Harmony® flat interior paint families (Code SW _ _ _ _).

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Recommended Suspension Systems
SoundScapes Blades panels are pre-assembled with metal hanging clips in the top of the panels. See Installation Instructions BPLA-297844 for installation details.

Warranty
Details at armstrong.com/warranty

Panels/Carton
4

Panel Weight
1.00 lbs/SF

Minimum Order Quantity
1 carton

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RAL is a registered trademark of RAL gGmbH. All other trademarks used herein are the property of AWI Licensing Company and/or its affiliates
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SOUNDSOAK® Baffles

Acoustical Absorbers



Soundsoak® Baffles 24" x 48" with Eye Hooks and Square Edges in FR-701® Silver Papier, Blue Plum, and Deep Burgundy fabrics; Custom Soundsoak Walls in Silver Papier

This easy-to-install acoustical option with a Bioacoustic™ core is available in a variety of standard fabrics.

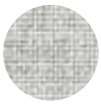
KEY SELECTION ATTRIBUTES

- Soundsoak® Baffle with BioAcoustic core has a 44% rapidly renewable substrate made from jute, a plant that grows from seed to harvest in 100 days, and can contribute to LEED® credits (Rapidly Renewable and Acoustics)
- 100% post-consumer woven fabrics coordinate with Soundsoak® Walls and Diffusers
- On average, one baffle per 40 square feet, or 20% coverage, reduces reverberation time by approximately 50%
- Seismic tested
- Easy to install with sleek, adjustable aircraft cable hanging kit



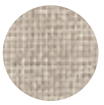
Visit Armstrong.com Photo Gallery to view more installation photos
SEARCH: soundsoak baffles

WOVEN FABRIC – BioAcoustic™ & Fiberglass Cores


Silver Papier (SP)


Bone (BO)

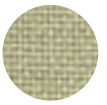

Quartz (QZ)

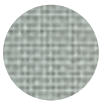

Opal (OP)

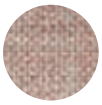

Wheat (WE)


Straw (ST)


Terra (TR)

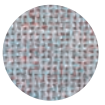

Leaf (LE)

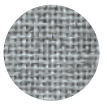

Eucalyptus (EU)

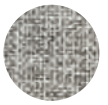

Cherry Neutral (CN)

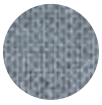

Silver Neutral (SN)

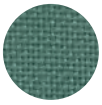

Cement Mix (CM)

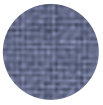

Blue Neutral (BN)


Blue Papier (BR)


Grey Mix (GM)

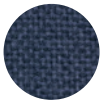

Crystal Blue (CB)


Blue Spruce (BS)


Violet (VI)


Ultramarine (UM)


Deep Burgundy (DB)


Blue Plum (BE)


Black (BL)


Custom Fabrics Available

SAILCLOTH FABRIC – Fiberglass Core Only

White (SCWE)


Silver (SCSR)

Yellow (SCYW)


Red (SCRD)


Royal (SCRL)


Maroon (SCMN)


Navy (SCNY)


Black (SCBK)


Custom Fabrics Available

SOUNDSOAK® Baffles

Acoustical Absorbers

50% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management | construction waste mgmt | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. | biobased materials | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials | lighting quality ✓ | acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Item Number◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Mounting	Sabins/ Panel	Fire Rating
SOUNDSOAK Baffles					Composite
6605 _ _	Fabric-wrapped Square Edge with **Fiberglass core**	24" x 48" x 2"	Eye Hooks	14.5	Class A
6606 _ _	Fabric-wrapped Square Edge with **BioAcoustic™ core**	24" x 47-1/2" x 1-1/4"	Grommets	9.2	Class A
6607_ _ _ _	Sailcloth Nylon Stitched Sealed Edge with **Fiberglass core**	24" x 48" x 1-1/2"	Grommets	9.5	Class A

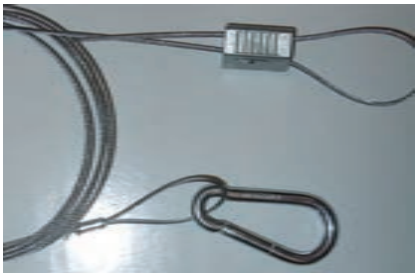
◆ When specifying or ordering, include 2- or 4-letter color suffix.

ACCESSORIES

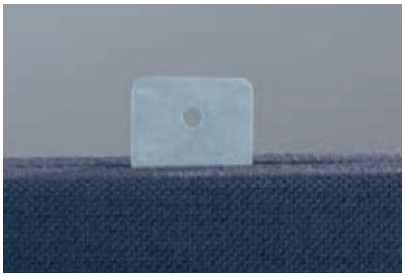
Item Number◆	Description	Dimensions Nominal W x L x H
5670	Baffle Hanging Kit (2 cables, 2 carabiners, and 2 adjusters)	1/16" x 96" (cable)

INSTALLATION OPTIONS

Hanging Kit



Eye Hook Mounting



Grommet Mounting

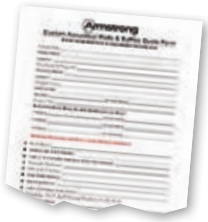


CUSTOM SOUNDSOAK BAFFLES

- Edge detail (square, beveled, radiused, mitered, stitched)
- Sizes up to 48" x 96" for fiberglass core; for custom BioAcoustic panels, contact the Architectural Specialties project management team at 1 877 ARMSTRONG, select options 1-1-4
- Thickness 1" to 2"
- Customer-specific fabrics can be considered from manufacturers like:
  - Guilford of Maine™: www.guilfordofmaine.com
  - Maharam®: www.maharam.com
  - Designtex®: www.designtex.com
  - Carnegie: www.carnegiefabrics.com
  - Knoll®: www.knolltextiles.com
  - Hytex®: www.hytex.com

Use our online Custom Selection Form at armstrong.com/baffles, and we will create baffles to your specifications.

Hytex is a trademark of Hytex Industries. Guilford of Maine and FR-701® are registered trademarks of Guilford of Maine. Maharam is a registered Maharam Fabric Corporation. Designtex is a registered trademark of Steelcase Corporation. Knoll is a registered trademark of Knoll, Inc.



COLORS AND PERFORATIONS

(Custom colors and perforations available.)

Woven Fabric

Silver Papier (SP)
Bone (BO)
Quartz (QZ)
Opal (OP)
Wheat (WE)
Straw (ST)
Terra (TR)
Leaf (LE)
Eucalyptus (EU)
Cherry Neutral (CN)
Silver Neutral (SN)
Cement Mix (CM)
Blue Neutral (BN)
Blue Papier (BR)
Grey Mix (GM)
Crystal Blue (CB)
Blue Spruce (BS)
Violet (VI)
Ultramarine (UM)
Deep Burgundy (DB)
Blue Plum (BE)
Black (BL)

SailCloth Fabric

White (SCWE)
Silver (SCSR)
Yellow (SCYW)
Red (SCRD)
Royal (SCRL)
Maroon (SCMN)
Navy (SCNY)
Black (SCBK)

PHYSICAL DATA

Material
Rigid fiberglass core or BioAcoustic core

Surface Finish
Nylon or fabric

Fire Performance
6605 - Tested in accordance with ASTM E84 – 25/200; Composite Class A rating per IBC (fabric, substrate, etc.); Tested to CAN/ULC S102 – 25/250

6606 - Tested in accordance with ASTM E84 – 25/200. Composite Class A rating per IBC (fabric, substrate, etc.)

6607 - Tested in accordance with ASTM E84 – 25/200. Composite Class A rating per IBC (fabric, substrate, etc.)

Soundsoak® Baffles, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where fire detection or suppression systems are present.

Acoustical Performance
6605 – 1.8 Sabins per square foot
6606 – 1.14 Sabins per square foot
6607 – 1.19 Sabins per square foot

Installation Consideration
Cutting baffles is not recommended. Do not attach carabiner to BioAcoustic baffle grommet.

Seismic Restraint
Refer to ASCE 7-10, Section 13.5 Architectural Components, for seismic requirements. Section 13.5, item 2 refers to 13.2.3 Consequential Damage.

Warranty
Details at armstrong.com/warranty

Weight/Square Feet
Bulk packaged per order
6605 – 14 lbs. per Baffle
6606 – 7 lbs. per Baffle
6607 – 10 lbs. per Baffle

TechLine℠ 877 ARMSTRONG
armstrong.com/soundsoak

LEED® is a registered trademark of the US Green Building Council

You Can Use MetalWorks™ Ceilings to Enhance Design and Acoustical Performance

Perforated metal ceilings can provide sound absorption with the addition of mineral fiber or acoustical fleece backing.

Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

A continuous MetalWorks™ ceiling with an M3 perforation and acoustical infill panel provides sound absorption (NRC 0.70), reducing reverberation by 84%. See example below.

NRC

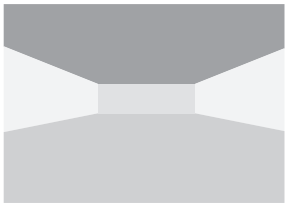
Noise Reduction Coefficient (NRC)

A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. A ceiling system with an NRC < 0.50 is considered low performance, whereas one with NRC > 0.70 is considered high performance.

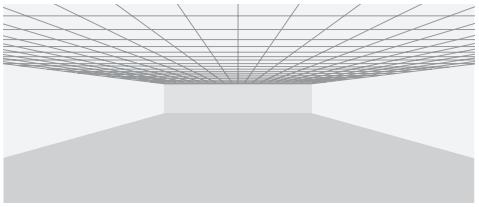


Example:

Exposed Structure



Continuous Ceiling



5,000 SF Exposed Structure (50' x 100'), 15' to deck, drywall with windows on two sides, commercial carpet	No Treatment (0% Coverage)	Continuous MetalWorks Ceiling with M2 Microperforated panels, fleece, and acoustical infill	Continuous MetalWorks Ceiling with M3 Extra Microperforated panels and acoustical infill
Ceiling	**Exposed Structure**	**Suspended 60" Below Deck**	**Suspended 60" Below Deck**
NRC	0	0.90	0.70
Reverberation Time (RT)	3.4 sec	0.5 sec	0.6 sec
RT Improvement	ref	86%	84%
SPL Reduction (dB)	ref	-6.0	-5.0

For definitions of acoustical terms, see pages 359-360 in this catalog.

metalWorks



MetalWorks™ Torsion Spring in custom colors
Berklee College of Music Student Center, Boston, MA
William Rawn Associates, Architects, Inc., Boston, MA

METALWORKS™ Standard Ceilings
At-a-Glance

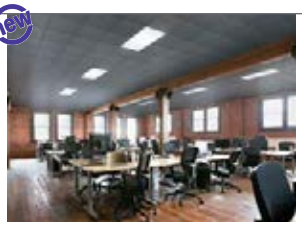
STANDARD CEILINGS



MetalWorks™ Tegular Pgs. 73-74



MetalWorks™ Vector® for Interior & Exterior Applications Pgs. 75-76



MetalWorks™ Clip-on Pgs. 77-78



MetalWorks™ Concealed Pgs. 79-80



MetalWorks™ Linear for Interior & Exterior Applications Pgs. 81-82



MetalWorks™ Mesh™ Pgs. 83-84



MetalWorks™ Open Cell Pgs. 85-86



MetalWorks Plank Pgs. 87-88



MetalWorks™ SecureLock™ Pgs. 89-90



MetalWorks™ Snap-in Pgs. 91-92



MetalWorks 3D Pgs. 93-94



MetalWorks™ Tin Pgs. 95-96



MetalWorks™ Torsion Spring Pgs. 97-99



MetalWorks™ Capz™ Pgs. 15-16
Featured in Clouds & Canopies



MetalWorks Canopies Pg. 36
Featured in Clouds & Canopies



MetalWorks™ Wings Pg. 35
Featured in Clouds & Canopies



Serpentina® Classic Pgs. 37-38



Serpentina® Waves™ Pgs. 41-44
Featured in Clouds & Canopies

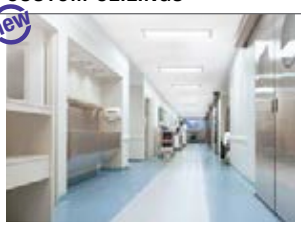


Serpentina® Vault Pgs. 39-40
Featured in Clouds & Canopies

METALWORKS™ Custom Ceilings
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

CUSTOM CEILINGS



MetalWorks™ TorsionSpan™ Pg. 106



MetalWorks™ Torsion Spring Flat & Curved Systems Pg. 106



MetalWorks DH700 Flat & Faceted Systems Pg. 103



MetalWorks™ Fastrack Systems Pg. 103



MetalWorks™ RH200 Flat & Curved Systems Pg. 104



MetalWorks RH200 for Interior & Exterior Applications Pg. 104



MetalWorks™ RH215 Flat & Faceted Systems Pg. 105



MetalWorks Tartan Systems Pg. 105



MetalWorks™ Radial Systems Pg. 105



MetalWorks™ SecureLock™ Plus Pgs. 89-90



Serpentina® Classic Featured in Clouds & Canopies Pgs. 37-38

ICON KEY

Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics

Acoustical options available

Product has NRC (Noise Reduction Coefficient) 0.70 or greater

Product has CAC (Ceiling Attenuation Class) of 35 or higher

Fire Performance
Class A

High Light Reflectance

Light reflectance of 0.83 or greater

Humidity/Sag Resistance
HumiGuard® Max

Acceptable for exterior applications

HumiGuard Plus

Inherently does not sag due to humidity

Seismic

Category D, E & F

High Durability

Water Repellent

Inherently does not absorb water

Washability

Offers superior wash resistance without compromising panel finish integrity, using a washability tester as per modified ASTM D2486

Scrubbability

Withstands up to 150 scrub cycles using a scrubbability tester as per modified ASTM D2486

Impact Resistance

Excellent resistance to surface impact as per Falling Ball Test

Soil Resistance

Inherently does not absorb dirt and/or grease for lasting value and performance

Plenum Access

Downward access for panels minimizes panel damage

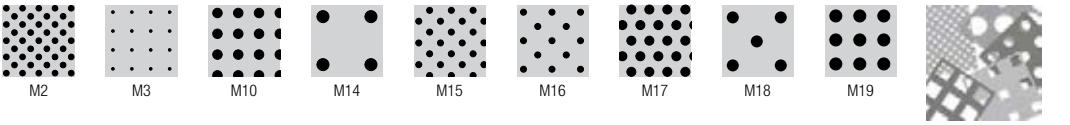
Color Availability

Available in color

COLORS AND PERFORATIONS

For more colors and perforations, see pgs. 69-72. Perforations shown at actual 1:2 scale.





METALWORKS™ Standard Ceilings – Steel
Standard Finishes

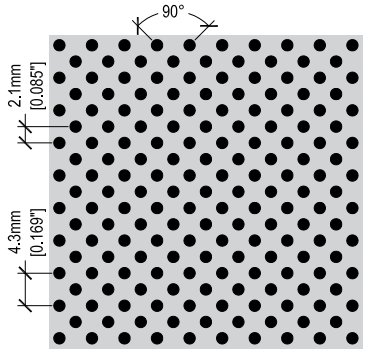
Not all finishes available on all perforations. Consult product page or your Armstrong representative for more information.

	Clip-on	Torsion Spring	Concealed	Snap-in	Tegular	Vector®	Linear	Plank	Mesh™	SecureLock™	3D	Tin	TorsionSpan™
White (WH)			✔		✔	✔	✔	✔		✔			
Silver Grey (SG)			✔		✔	✔	✔	✔		✔			
Gun Metal Grey (MY)			✔		✔	✔	✔			✔			
Effects™ Wood Looks Maple (FXMP)					✔	✔	✔						
Effects Wood Looks Cherry (FXCH)					✔	✔	✔						
Effects Wood Looks Dark Cherry (FXDC)					✔	✔	✔						
Effects Wood Looks Walnut (FXWN)					✔	✔	✔						
new Effects Wood Looks Oak (FXOK)					✔	✔	✔						
new Effects Wood Looks Walnut Espresso (FXWE)					✔	✔	✔						
Tech Black (BL)									✔				
Nickel Chrome (NC)									✔				
Bright Anodized (BA)									✔				
Natural Anodized (NA)									✔				
Copper (CP)									✔				
Bronze (BZ)									✔				
Tin White (TWH)												✔	
Tin Chrome (TAM)												✔	
Tin Bare Steel (TNA)												✔	
Tin Lacquered Steel (TLS)												✔	
Tin Copper (TCP)												✔	
Custom Colors	✔	✔		✔	✔	✔	✔					✔	

METALWORKS™ Standard Ceilings – Aluminum
Standard Finishes

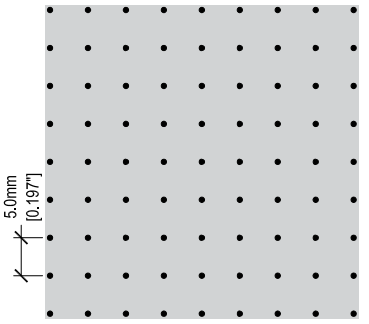
	Clip-on	Torsion Spring	Concealed	Snap-in	Tegular	Vector®	Linear	Plank	Mesh™	SecureLock™	3D	Tin	TorsionSpan™
Whitelume (WHA)	✔	✔		✔							✔		✔
Silverlume (SIA)	✔	✔		✔							✔		✔
Gun Metal (MYA)	✔	✔		✔							✔		✔
Satin Anodized (SAA)	✔	✔		✔									✔
Lacquer Mill (LMA)	✔	✔		✔									✔
Brushalume (BAA)	✔	✔		✔									✔
Reflections™ Rock Maple (LRM)		✔		✔							✔		✔
Reflections Light Cherry (LLC)		✔		✔							✔		✔
Reflections Wild Cherry (LWC)		✔		✔							✔		✔
Reflections Natural Maple (LNMPIE)		✔		✔							✔		✔
Reflections Natural Oak (LNOIE)		✔		✔							✔		✔
Reflections Pecan (LPC)		✔		✔							✔		✔
Reflections Mineral Forest (LMF)		✔		✔							✔		✔
Reflections Walnut (LWN)		✔		✔							✔		✔
Ceiltex (CLA)		✔											
Custom Colors	✔	✔		✔	✔	✔	✔					✔	

STANDARD PERFORATIONS Actual 1:1 scale shown unless otherwise noted.



M2 Microperforated

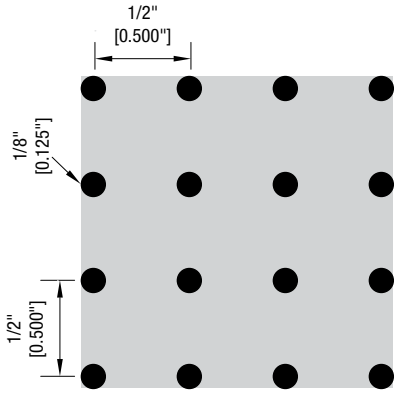
Type:	Round-Diagonal
Hole Size:	1.5mm [.059"]
% Open Area:	18.4%



M3 Extra Microperforated Rg 0701

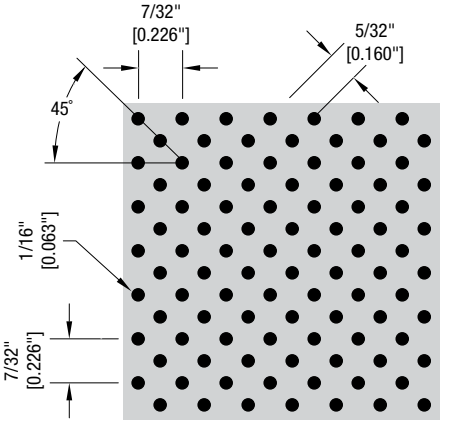
Type:	Round-Straight
Hole Size:	0.7mm [.028"]
% Open Area:	1.5%

See page 71 for premium perforations.
Not all perforations available on all products. Contact TechLine for additional information and custom perforation options.



M14 Rg 3205

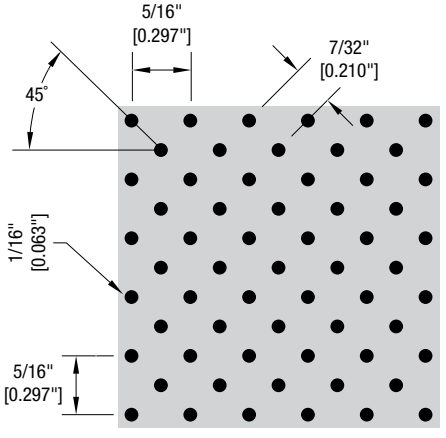
Type:	Round-Straight
Hole Size:	3.18mm [.125"]
% Open Area:	5%



M15* Rd 1612

Type:	Round-Diagonal
Hole Size:	1.6mm [.063"]
% Open Area:	12%

* M20 designation is this perforation with Ceiltex finish applied on top. Standard on MetalWorks™ Torsion Spring only.



M16 Rd 1607

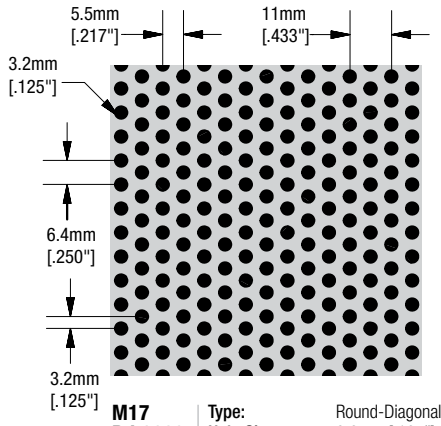
Type:	Round-Diagonal
Hole Size:	1.6mm [.063"]
% Open Area:	7%

Key for Perforation Names (Example – Rg 0701)

R	Hole shape (R = round / Q = square / L = oval / T = trapezoid)
g	Pattern (g = straight / d = diagonal / v = staggered)
07	Diameter of hole size in mm (Example – 0.7 mm)
01	% open area

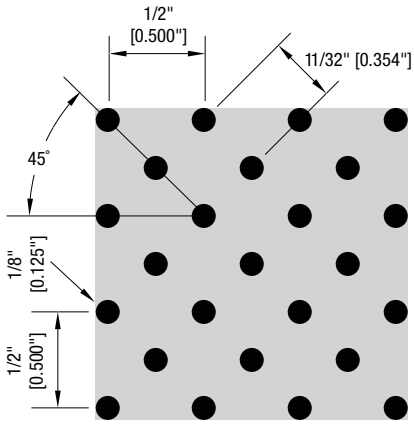
STANDARD PERFORATIONS

Actual 1:1 scale shown unless otherwise noted.



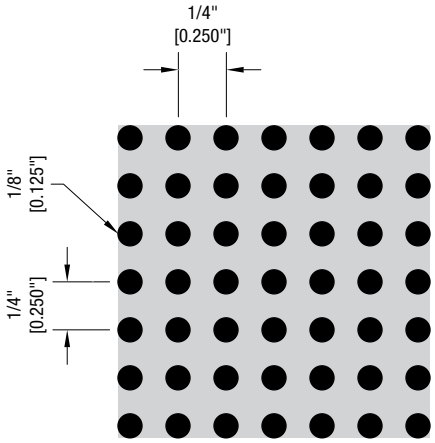
M17
Rd 3223

Type:	Round-Diagonal
Hole Size:	3.2mm [.125"]
% Open Area:	23%



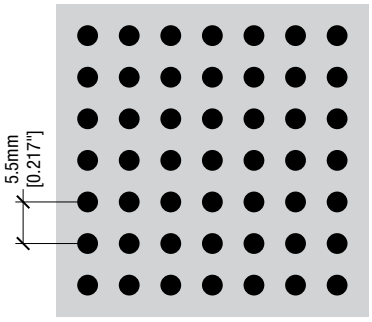
M18
Rd 3210

Type:	Round-Diagonal
Hole Size:	3.2mm [.125"]
% Open Area:	10%



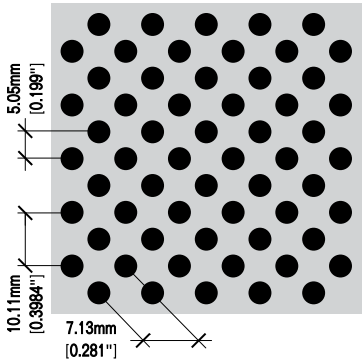
M19
Rg 3220

Type:	Round-Straight
Hole Size:	3.2mm [.125"]
% Open Area:	20%



M10
Capz™
Concealed

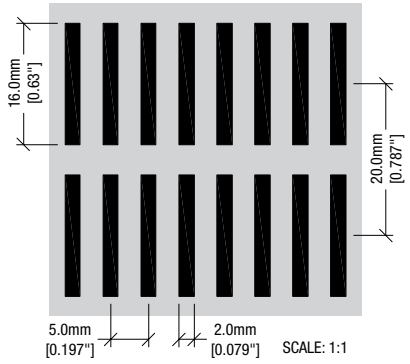
Type:	Round-Straight
Hole Size:	2.5mm x 2.5mm [.098 x .098"]
% Open Area:	13.6%



P4
SecureLock™
Microperforated

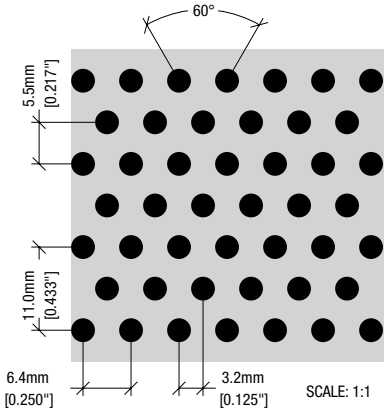
Type:	Round-Diagonal
Hole Size:	2.76mm [.109"]
% Open Area:	23.5%

AVAILABLE ON STEEL



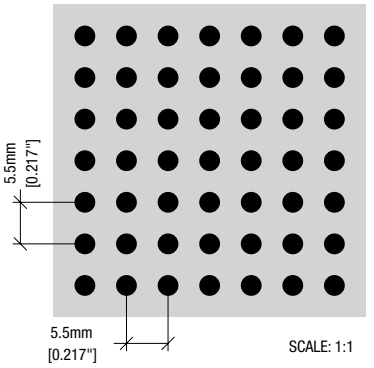
M5
Lg 16032

Type:	Square-Straight Slotted
Hole Size:	2.0mm [0.079"]
% Open Area:	32.0%



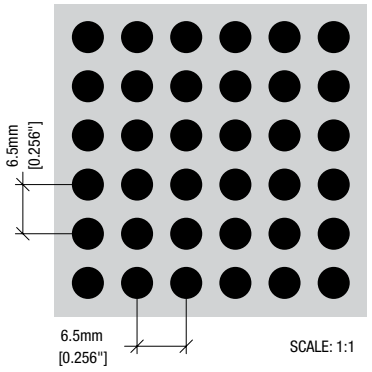
M9

Type:	Round-Staggered
Hole Size:	2.9mm [0.114"]
% Open Area:	24.4%



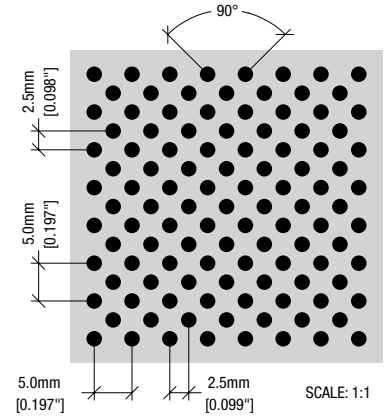
M10

Type:	Round-Straight
Hole Size:	2.5mm [0.098"]
% Open Area:	13.6%



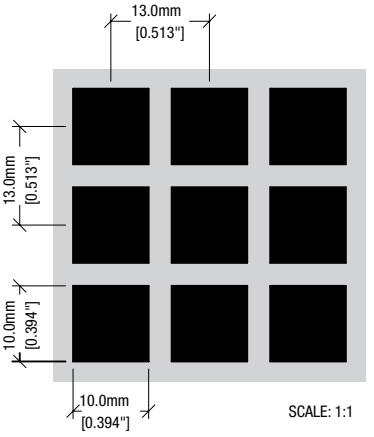
M11

Type:	Round-Straight
Hole Size:	4.1mm [0.157"]
% Open Area:	26.9%



M12

Type:	Round-Diagonal
Hole Size:	1.8mm [0.071"]
% Open Area:	20.8%



M13

Type:	Square-Straight
Hole Size:	10 x 10mm [0.394 x 0.394"]
% Open Area:	59.2%

CUSTOM STEEL PERFORATIONS

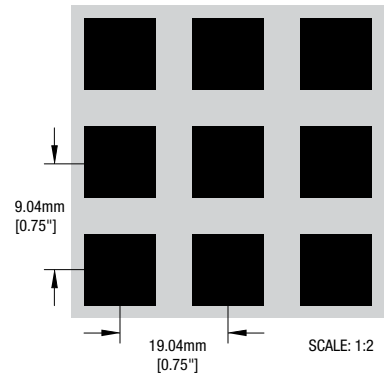
Over 30 custom perforations are available on our steel and aluminum panels. See armstrong.com/metalworksperforations for more details.
Contact TechLine for assistance with your project at 1 877 ARMSTRONG.

Key for Perforation Names (Example – Rg 0701)

R	Hole shape (R = round / Q = square / L = oval / T = trapezoid)
g	Pattern (g = straight / d = diagonal / v = staggered)
07	Diameter of hole size in mm (Example – 0.7 mm)
01	% open area

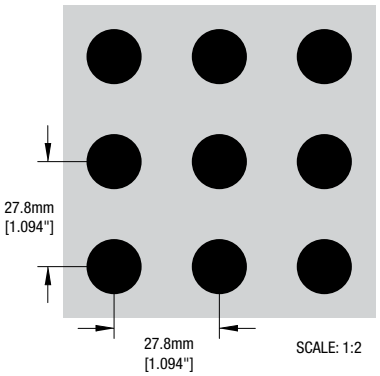
CUSTOM PERFORATIONS (partial list)

Actual 1:1 scale shown unless otherwise noted.



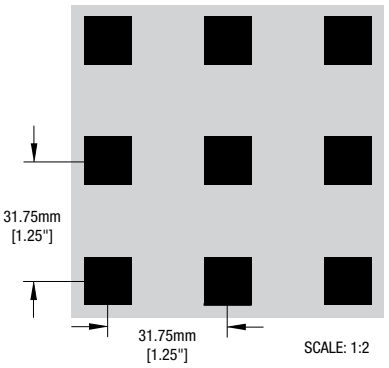
M25
Qg 1945

Type: Square-Straight
Hole Size: 19.04 x 19.04mm [.075 x .075"]
% Open Area: 45%



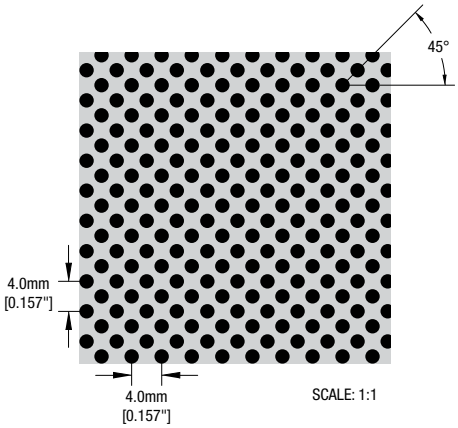
M26
Lg 1421

Type: Round-Straight
Hole Size: 14.24mm [.056"]
% Open Area: 21%



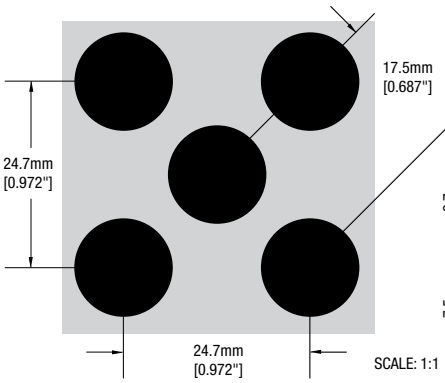
M27
Qg 1216

Type: Square-Straight
Hole Size: 12.7 x 12.7mm [.50 x .50"]
% Open Area: 16%



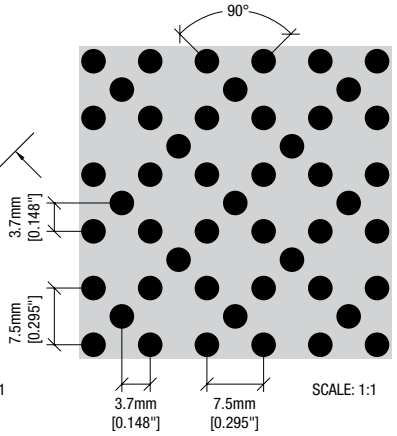
M28
Rd 1625

Type: Round-Diagonal
Hole Size: 1.6mm [.0625"]
% Open Area: 25%



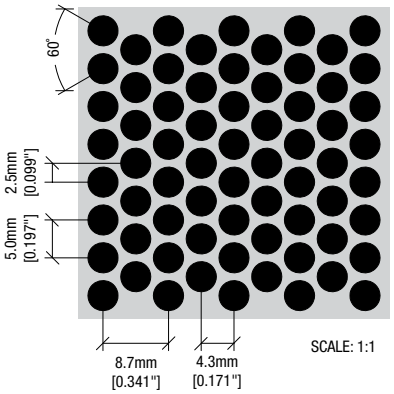
M29
Rd 1242

Type: Round-Diagonal
Hole Size: 12.7mm [.500"]
% Open Area: 42%



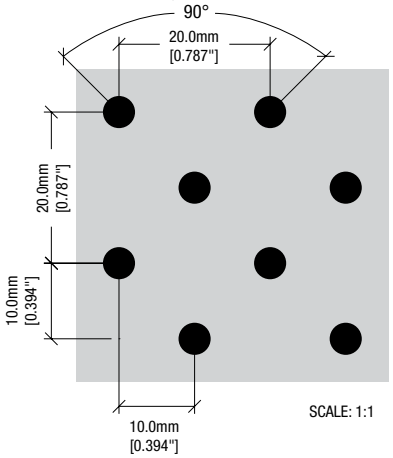
Rd 3019

Type: Round-Diagonal
Hole Size: 3.0mm [.118"]
% Open Area: 19%



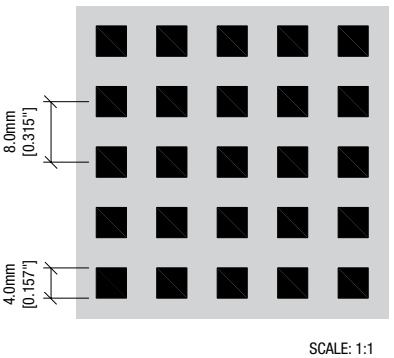
M4
Rv 4058

Type: Round-Staggered
Hole Size: 4.0mm [.157"]
% Open Area: 58%



Rd 4006

Type: Round-Diagonal
Hole Size: 4.0mm [.157"]
% Open Area: 6%



M6
Qg 4025

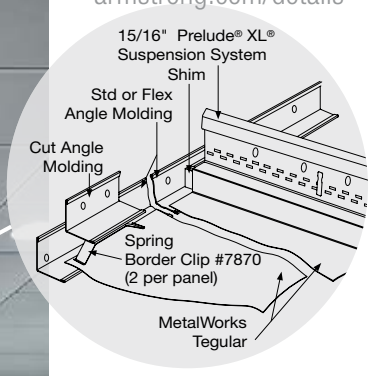
Type: Square-Straight
Hole Size: 4.0 x 4.0mm [.157 x .157"]
% Open Area: 25%

METALWORKS™

Tegular
smooth texture

CAD/Revit® drawings at:
armstrong.com/details





MetalWorks™ Tegular Microperforated panels in Silver Grey with Suprafine® 9/16" suspension system in Silver Grey (Pgs. 287-288) with 4" Axiom® Classic trim in Silver Grey panels (Pgs. 309-310)

cloud friendly



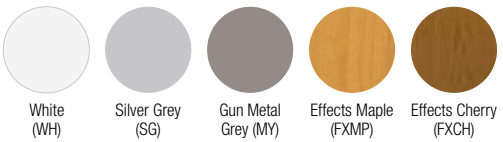
See more photos at:
armstrong.com/photogallery
SEARCH: metalworks tegular

Durable, steel panels with 100% upward accessibility offer excellent sound blocking/absorption options.

KEY SELECTION ATTRIBUTES

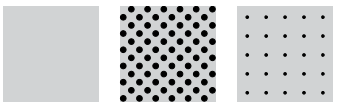
- Panels can be used to create continuous looks or clouds using Axiom or Effects™ Wood Looks trim
- MetalWorks Tegular panels available for TechZone® ceiling systems applications; see pages 251-257 for details
- Standard perforations available to enhance acoustical performance and design aesthetics
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.90)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits
- 18" x 18" MetalWorks Tegular panels available for Metaphors® Coffers; see pages 207-208 for details

COLORS
Due to printing limitations, shade may vary from actual product.




Custom Colors Available

PERFORMANCE OPTIONS
(1:2 scale shown)




Custom Perforations Available

DETAILS



1. MetalWorks Tegular Microperforated
2. MetalWorks Tegular Extra Microperforated
3. Effects Wood Looks Tegular Extra Microperforated

METALWORKS™

Tegular
smooth texture

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions Nominal W x L (Inches) Custom Sizes Available		Perforations
METALWORKS™ Flush Tegular (with acoustical fleece)				
15/16" Flush Tegular	**6461**_ _ _ _	24 x 24"	☐	M1, M2
METALWORKS 5/16" Square Tegular (with acoustical fleece)				
15/16" Square Tegular	**6462**_ _ _ _	24 x 24"	☐	M1, M2, M3
9/16" Square Tegular	**6464**_ _ _ _ _ _◆◆◆	24 x 24"	☐	M1, M2, M3
METALWORKS 5/8" Square Tegular (with acoustical fleece)				
15/16" Square Tegular	**6463**_ _ _ _ †	24 x 24"	☐	M1, M2
9/16" Square Tegular	**6465**_ _ _ _ †	24 x 24"	☐	M1, M2

PERFORMANCE

Dots represent high level of performance.

Light Reflect (White Only)	Wash	Scrub	Impact	Soil (Durability)
0.77 (M1, M3) 0.61 (M2)	•	•	•	•
0.77 (M1, M3) 0.61 (M2)	•	•	•	•
0.77 (M1, M3) 0.61 (M2)	•	•	•	•
0.77 (M1, M3) 0.61 (M2)	•	•	•	•
0.77 (M1, M3) 0.61 (M2)	•	•	•	•

◆ When specifying or ordering, include the appropriate perforation and letter color suffix with the item number (e.g., 6462 M 1 W H).
◆◆◆ Available in Effects™ Wood Looks finishes. NOTE: Perforation M2 not available in Effects finishes as a standard option.
† "S" Service item with extended lead time.

ACOUSTICAL INFORMATION

Perforation	% Open Area	NRC	CAC
M1	0%	–	36
M2	18.4%	0.70 0.85 •	38*** •
M3	1.5%	0.65 0.70** •	40*** •

** NRC 0.85 (microperforated) or NRC 0.70 (extra microperforated) with optional fiberglass infill item 8200100. NRC 0.85 (microperforated) or NRC 0.70 (extra microperforated) with optional BioAcoustic™ infill item 5479 or 5823.

*** With optional field-cut item 747 mineral fiber backing (cannot be used in addition to fiberglass infill item 8200100).

For infill panel options, refer to pages 100-101.

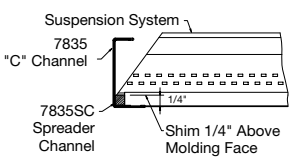
EXAMPLE: **6461 M2 WH**

- 6461: Panel Dimension/Type: 15/16" Flush Tegular
- M2: Perforation: M2 Microperforated
- WH: Finish: White

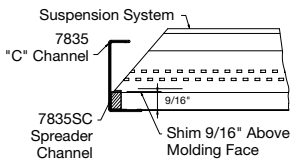
PERIMETER INSTALLATION DETAILS

(Spreader channel inserts into "C" channel, for spring border clip detail see pg. 73.)

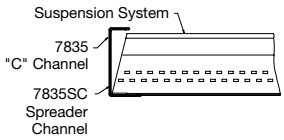
5/16" Square Tegular



5/8" Square Tegular



Flush Tegular



SUSPENSION SYSTEMS



Prelude and Suprafine suspension system are available in coordinating colors. All other suspension systems are available in standard White only. Other colors available as special order.

ACCESSORIES

For accessories, including moldings, perimeter trim, clips and edge caps, refer to pgs. 100-101.

PHYSICAL DATA

Material
Electrogalvanized Steel – 0.021" thickness

Surface Finish
Factory-applied powder-coated finish (post-coated). Exterior: Factory-applied powder-coated finish (post-coated on both sides). Effects finish on face only

Custom colors also available. Contact TechLine for custom color matching requests at 1 877 ARMSTRONG.

Fire Performance
Factory Mutual Approvals Specification tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Fire Class – Class A
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Installation Consideration
For Tegular faceted installations, a Faceted Hold Down Clip must be used, which will limit accessibility. If accessibility is required in a faceted application, use Vector® panels.

For information about faceted applications with square Tegular panels in 15/16" suspension system, refer to installation instructions on our web site at armstrong.com/installation.

Seismic Restraint
MetalWorks Tegular panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
6461M2 – 0.75 lbs/SF; 64 SF/Ctn
6461M1 – 0.80 lbs/SF; 64 SF/Ctn
6462M2 – 0.86 lbs/SF; 64 SF/Ctn
6462M1, 6463M2, 6465M2, 6462M3 – 0.89 lbs/SF; 64 SF/Ctn
6464M2, 6463M1, 6465M1, 6464M3 – 0.92 lbs/SF; 64 SF/Ctn
6464M1 – 0.97 lbs/SF; 64 SF/Ctn

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/metalworks
(search: metalworks tegular)
BPCS-5109-1115

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All other trademarks used herein are the property of AWI Licensing Company and/or its affiliates © 2015 AWI Licensing Company
Printed in the United States of America

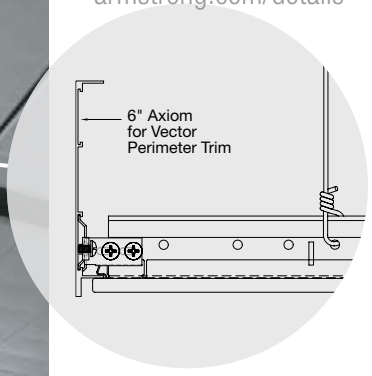
METALWORKS™

Vector® and Vector Exterior
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ faceted panels with Serpentina® trim



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks vector

Durable, steel panels offer a 1/4" reveal and 100% downward accessibility.

KEY SELECTION ATTRIBUTES

- Exclusive Vector panel edge profile installs on new or existing 15/16" exposed tee suspension system resulting in a thin 1/4" reveal
- Panels can be used to create continuous looks or clouds using Axiom® trim or Effects™ Wood Looks trim
- Standard perforations available to enhance acoustical performance and design aesthetics
- Exterior system available, tested to meet wind uplift Classes 30, 60, and 90
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.85)
- Installs with minimal plenum clearance
- Plenum access per panel without the need of special tools

COLORS
Due to printing limitations, shade may vary from actual product.



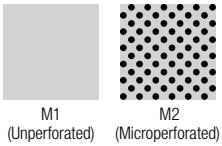
White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Effects Maple (FXMP) | Effects Cherry (FXCH) | Effects Dark Cherry (FXDC) | Effects Walnut (FXWN) | Effects Oak (FXOK) | Effects Walnut Espresso (FXWE) | Custom Colors Available

NOTE: Effects colors are only available for unperforated and extra microperforated panels.

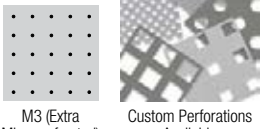
Exterior

White Exterior (WH2) | Silver Grey Exterior (SG2) | Gun Metal Grey Exterior (MY2) | Effects Maple Exterior (FXMP2) | Effects Cherry Exterior (FXCH2) | Effects Dark Cherry Exterior (FXDC2) | Effects Walnut Exterior (FXWN2) | Effects Oak Exterior (FXOK2) | Effects Walnut Espresso Exterior (FXWE2)

PERFORATION OPTIONS
(1:2 scale shown)



M1 (Unperforated) | M2 (Microperforated)



M3 (Extra Microperforated) | Custom Perforations Available

DETAILS



1. MetalWorks™ Vector® Microperforated
2. MetalWorks Vector Extra Microperforated
3. MetalWorks Vector Unperforated with Prelude® XL® 15/16" suspension system

METALWORKS™

Vector® and Vector Exterior
smooth texture

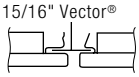
25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions (Inches)	Perforations
METALWORKS™ Vector®			
1/4" Reveal with 15/16" Vector® 	**6466**_ _ _ _ _ _ _◆◆	24 x 24" ☐	M1, M2, M3

PERFORMANCE

Dots represent high level of performance.

	Light Reflect	Wash	Scrub	Impact	Soil
	(White Only)	Durability			
0.77 (M1, M3) 0.61 (M2)	•	•	•	•	

ACOUSTICAL INFORMATION

Perforation	% Open Area	NRC	CAC
M1	0%	–	36 •
M2	18.4%	0.70** 0.85** •	31***
M3	1.5%	0.65 0.70 •	33***

◆ When specifying or ordering, include the appropriate color and perforation suffix with the item number (e.g., 6466 M 1 W H, 6466 M 3 F X C H, or 6466 M 1 F X M P 2).

◆◆ Available in Effects™ Wood Looks finishes.

NOTE: Perforation M2 not available in Effects finishes as a standard option and has 1,000 SF minimum order quantity.

** NRC 0.85 (microperforated); NRC 0.70 (extra microperforated) with optional fiberglass infill #8200100. NRC 0.85 (microperforated); NRC 0.70 (extra microperforated) with optional BioAcoustic™ infill #5479 or 5823.

*** With optional field-cut #770 mineral fiber backing (cannot be used in addition to fiberglass infill #8200100).

ACCESSORIES

For additional accessories, including moldings and perimeter trim, see pgs. 100-101.

Item Number◆	Description	Dimensions (Inches)	Pieces/Carton
FXSPTHDC	Effects™ Hold Down Clip for Cut Panel Installations	N/A	10
84008_ _◆	Single-Slot Air Diffuser (not available in Effects colors, order in Black (BL))	24 x 24"	1
6098_ _◆	Edge Cap for Cut Vector Panels (not available in Effects colors, order in Black (BL))	Nominal 24" length	50

SUSPENSION SYSTEMS

15/16" Prelude® XL® (See pgs. 279-280 for components.); 15/16" Prelude XL for Exterior Applications (See pg. 278 for components.)

PHYSICAL DATA

Material
Electrogalvanized Steel – 0.021" thickness

Surface Finish
Factory-applied powder-coated finish (post-coated). Exterior: Factory-applied powder-coated finish (post-coated on both sides). Effects finish on face only.

Custom colors also available. Contact TechLine for custom color matching requests at 1 877 ARMSTRONG.

Fire Performance
Tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Fire Class – Class A
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Installation Consideration
For information about accessible faceted applications, refer to installation instructions on our web site at armstrong.com/installation.

Wind Uplift Performance
MetalWorks Vector panels for exterior applications have been tested to meet wind uplift Classes 30, 60, and 90. There is no fleece on exterior panels. Visit armstrong.com/metalworks or contact TechLine at 1 877 ARMSTRONG for installation instructions and test documentation.

Seismic Restraint
MetalWorks Vector panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

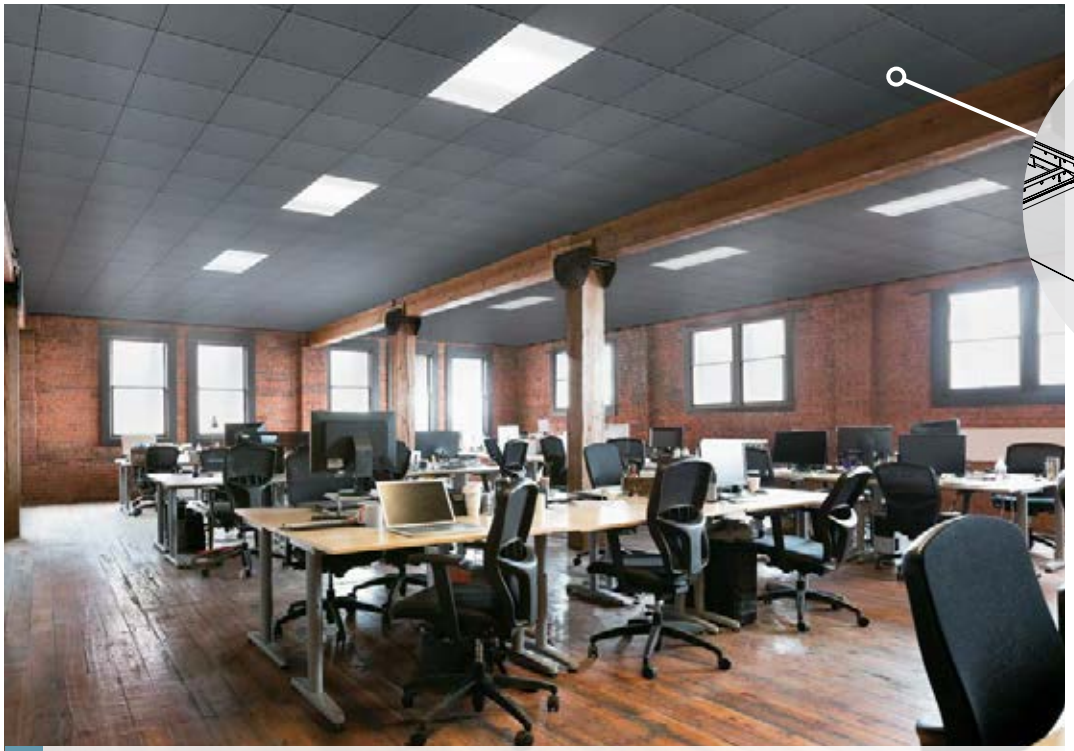
Weight; Square Feet/Carton
6466M1, 6466M3 – 1.15 lbs/SF; 40 SF/ctn
6466M2 – 1.10 lbs/SF; 40 SF/ctn
Contact TechLine for weight information on panels with M4, M5, and M6 perforations.

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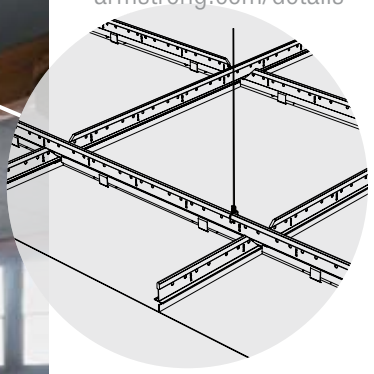
METALWORKS™ Clip-on

smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Clip-on panels in Silverlume with Prelude® 15/16" suspension system (Pg. 279-280)



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks clip-on

Easy-to-install, downward-accessible panels are perfect for renovations.

KEY SELECTION ATTRIBUTES

- Great for renovations – transform spaces with existing 15/16" suspension quickly and easily
- Choose from butt joint, 1/4", or 1/8" panel reveals
- 24" x 24" and 24" x 48" standard sizes; custom sizes available up to 24" x 48"
- Fixture frames provide a clean finished look
- NRC values up to 0.90 with fiberglass infill panels

COLORS

Due to printing limitations, shade may vary from actual product.

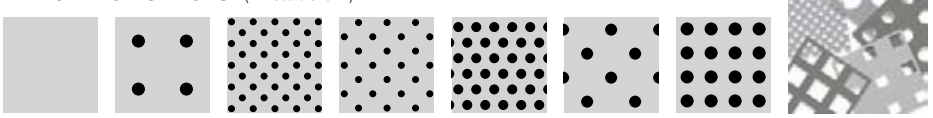
MetalWorks



Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA) | Satin Anodized (SAA) | Lacquer Mill (LMA) | Brushalume (BAA) | Custom Colors Available

PERFORMANCE OPTIONS

(1:2 scale shown)



M1 (Unperforated) | M14 (Rg 3205) | M15 (Rd 1612) | M16 (Rd 1607) | M17 (Rv 3223) | M18 (Rd 3210) | M19 (Rg 3220) | Custom Perforations Available

METALWORKS™ Clip-on

smooth texture

UP TO 20% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

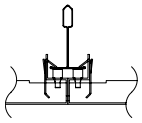
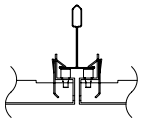
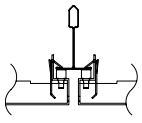
LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Dimensions (Inches) Custom Sizes Available	Light Reflect
METALWORKS™ Clip-on			
Butt Joint 	**7110**_ _ _ _ _	24 x 24 x 1"	0.77
	7111_ _ _ _ _	24 x 48 x 1"	0.77
1/8" Reveal 	**7140**_ _ _ _ _	24 x 24 x 1"	0.77
	7141_ _ _ _ _	24 x 48 x 1"	0.77
1/4" Reveal 	**7154**_ _ _ _ _	24 x 24 x 1"	0.77
	7155_ _ _ _ _	24 x 48 x 1"	0.77

◆ When specifying or ordering, include appropriate perforation and color suffix (e.g., 71110 M 1 L M A) with item number.

NOTE: Light reflectance is for unperforated Whitelume.

ACOUSTICAL INFORMATION

Perforation	NRC with acoustical fleece** NRC	NRC with 1" fiberglass infill** NRC
M1	–	–
M14	0.55	0.85 •
M15	0.70 •	0.90 •
M16	0.70 •	0.80 •
M17	0.75 •	0.90 •
M18	0.65	0.85 •
M19	0.75 •	0.90 •

** Maximum NRC achieved with acoustical infill (item 8200100).

EXAMPLE: 7110 M14 LMA

Panel item | Perforation: M14 Round Straight Rg 3205 | Finish: Lacquer Mill

ACCESSORIES

Item Number	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/ Carton
7112_ _ _◆	Box Molding	1 x 96 x 1"	WHA, SIA, MYA, SAA, LMA, BAA	10
7113_ _ _◆	Spreader Hold Down	1 x 10-5/8 x 1"	N/A	40
7119_ _ _◆	Fixture Frame	24 x 24"	WHA, SIA, MYA, SAA, LMA, BAA	1
7120_ _ _◆	Fixture Frame	24 x 48"	WHA, SIA, MYA, SAA, LMA, BAA	1
7223_ _ _◆	Perimeter Trim	1 x 96 x 4-1/4"	WH, SG, MY, BAA, SAA, LMA	10
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black	12
8200100	1" Fiberglass Infill Bag	24 x 24 x 1"	Black (Gloss)	12

◆ When specifying or ordering, include appropriate color suffix (e.g., 7123 S I A) with item number.

SUSPENSION SYSTEMS

15/16" 

Prelude® XL®

PHYSICAL DATA

Material
Aluminum – thickness 0.040"

Surface Finish
Painted finishes: Factory-applied polyester paint. Custom colors also available.

Fire Performance
Painted aluminum finishes tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Painted Aluminum finishes CAN/ULC S102 surface burning characteristics: Flame Spread Rating 0. Smoke Developed Classification 0.

Acoustical Options
Perforated panels are supplied with a black fiberglass fleece to absorb sound.

Recycled Content
Up to 20%.

Installation Considerations
Ensure suspension is level and square, whether using existing or new suspension system.

Design Considerations
Panel face sits 1" lower than the suspension system. Some light, sprinklers, and other components may need to be height adjusted when retrofitting.

Panels have a directional finish; follow direction arrows printed on the protective film.

Anodized and Lacquer Mill finishes may vary in shade between production runs as well as over time. Sizes can be mixed and matched on non-perforated panels only.

Butt joint panels are recommended if the suspension system is not coordinated with the panel color.

MetalWorks steel and aluminum panels are made at different manufacturing facilities that use different paint systems. Because of this, similar colors, i.e., White and Whitelume, are not exact color matches. Please consider this when designing adjacent spaces with multiple MetalWorks products.

Seismic Restraint
MetalWorks Clip-on panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Warranty
One (1) Year Limited Warranty.
Details at armstrong.com/warranty

Weight
0.75 lbs/SF

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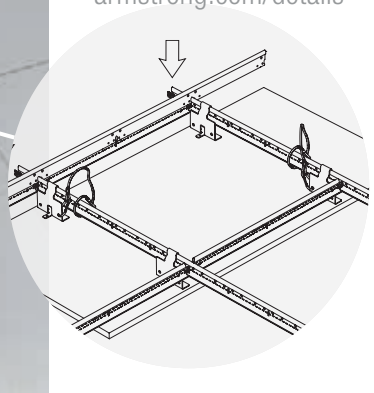
METALWORKS™ Concealed

smooth texture

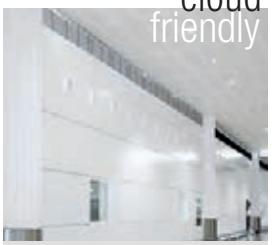


MetalWorks™ Concealed 48" x 96" panels in Silver Grey

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks concealed

Large-size panels with concealed suspension are 100% accessible.

KEY SELECTION ATTRIBUTES

- Narrow 1/4" reveal offers clean, monolithic look
- Hook-on panels provide safe and secure downward accessibility
- Create continuous look or use with clouds and perimeter trim
- Lightweight panels install with standard 15/16" suspension system
- Complete standard system from one manufacturer

COLORS

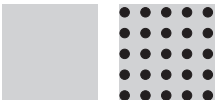
Due to printing limitations, shade may vary from actual product.



White (WH) | Silver Grey (SG) | Gun Metal Grey (MY)

PERFORATION OPTIONS

(1:2 scale shown)



M1 (Unperforated) | M10 (Rg 2513)

METALWORKS™ Concealed

smooth texture

25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

ACOUSTICAL INFORMATION

Edge Profile	Item Number◆	Dimensions (Inches)	Perforations	Light Reflect (White Only)	Wash	Scrub	Impact	Soil
METALWORKS™ Concealed					Durability			
1/4" Reveal 	**6664**_ _ _ _ _	24 x 96 x 5/8"	M1; M10	0.77 (M1)	•	•	•	•
	6665_ _ _ _ _	24 x 120 x 5/8"	M1; M10	0.77 (M1)	•	•	•	•
	6666_ _ _ _ _	48 x 48 x 5/8"	M1; M10	0.77 (M1)	•	•	•	•
	6667_ _ _ _ _	48 x 96 x 5/8"	M1; M10	0.77 (M1)	•	•	•	•
	6668_ _ _ _ _	48 x 120 x 5/8"	M1; M10	0.77 (M1)	•	•	•	•

◆ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g., 6664 M1 MY).

Perforation	NRC
M1	0.10
M10	0.80 / 0.95† •

Maximum NRC and CAC achieved with acoustical infill options. For additional Infill options, refer to pages 100-101.

† With BioAcoustic™ infill item 5479. NRC of 0.90 with fiberglass infill 8200100, NRC 0.80 as sold.

EXAMPLE: **6664 M10 SG**

- 6664: Panel Dimension/Type: 24" x 96"
- M10: Perforation: M10
- SG: Finish: Silver Grey

ACCESSORIES

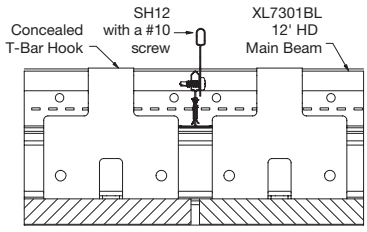
Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
6656M1_ _◆	MetalWorks Concealed Trim	6 x 120"	WH, SG, MY	6
7842A_ _	Slip-on Molding	1/2 x 120 x 5/8"	WH, SG, MY	40
FXTBC	T-bar Connector Clip	–	–	10
FX4SPLICE	Splice Plate with Set Screws	–	–	10
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black (Gloss)	12
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black	12

SUSPENSION SYSTEM

15/16" Heavy-duty Prelude® XL® Suspension System (See pg. 279-280 for components.)

5986	T-Bar Hook†	Nominal 4 x 2 x 3"	50
90190A242	#10 Pan Head Sheet Metal Screw	1/2"	100
6091	Safety Cable	24 x 3/32"	50
SH12	Support Hanger	144 x 2"	12

† For 24" x 96", 48" x 48", and 48" x 96" panels, install 4 hooks per panel; for 24" x 120" and 48" x 120" panels install 6 hooks per panel.
Note: Refer to installation instructions at armstrong.com/installation for a better understanding of suspension requirements.



Installation Detail - Concealed Ceiling System

PHYSICAL DATA

Material
Aluminum composite – 0.57" thick

Surface Finish
Factory-applied powder-coated finish (post-coated)

Acoustical Performance
MetalWorks Concealed perforated panels provide outstanding acoustical correction. NRC 0.95 achieved with acoustical infill item 5823. See CS-4172 for more information on infill panels.

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed 50 or less.

Installation Considerations
Please refer to installation instructions LA-297890 before installing MetalWorks Concealed panels.

Seismic Restraint
MetalWorks Concealed panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

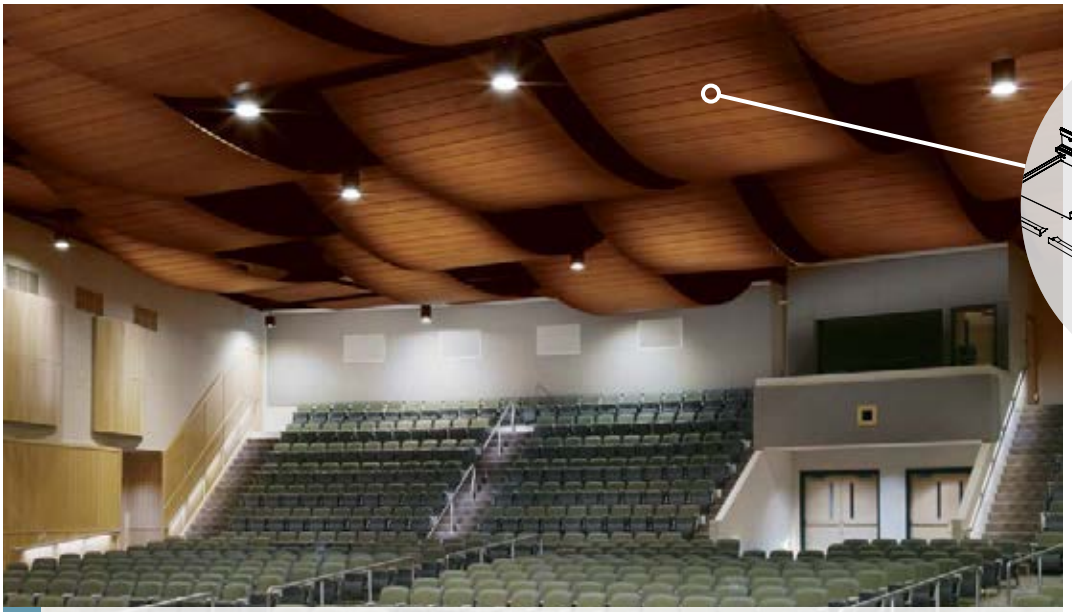
Warranty
Details at armstrong.com/warranty

Weight
0.97 lbs/SF (Bulk packaged)

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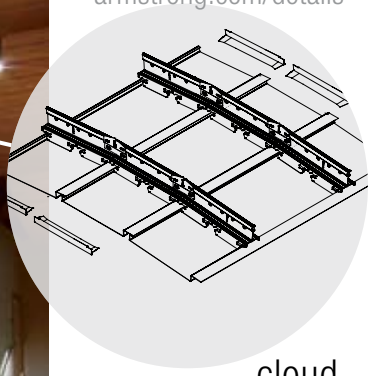
METALWORKS™ Linear
METALWORKS Linear Exterior

smooth texture

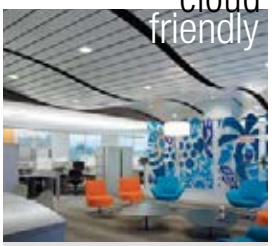


MetalWorks™ Linear 12" Ceiling System in Effects™ Wood Looks Dark Cherry

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks linear

Durable, metal panels offer a variety of flexible acoustical and interior/exterior solutions.

KEY SELECTION ATTRIBUTES

- Nominal 4", 6", 8", and 12" wide panels, including nominal 1" reveal
- Install in the ceiling, on the wall
- Create 90º angled or curved ceiling-to-wall transitions
- Available for exterior applications, tested to meet wind uplift Classes 30, 60, and 90
- Acoustical options with microperforated panels
- Fast and easy installation

COLORS

Due to printing limitations, shade may vary from actual product.



White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Effects Maple (FXMP) | Effects Cherry (FXCH) | Effects Dark Cherry (FXDC) | Effects Walnut (FXWN) | Effects Oak (FXOK) | Effects Walnut Espresso (FXWE) | Custom Colors Available

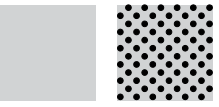
Exterior

White Exterior (WH2) | Silver Grey Exterior (SG2) | Gun Metal Grey Exterior (MY2)* | Effects Maple Exterior (FXMP2)* | Effects Cherry Exterior (FXCH2)* | Effects Dark Cherry Exterior (FXDC2)* | Effects Walnut Exterior (FXWN2)* | Effects Oak Exterior (FXOK2) | Effects Walnut Espresso Exterior (FXWE2)

* "S" service item, minimum order quantity and extended lead times apply.

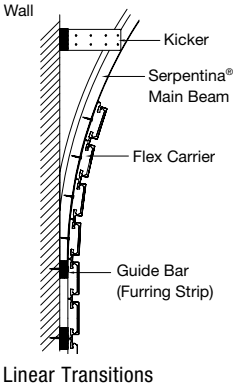
PERFORATION OPTIONS

(1:2 scale shown)

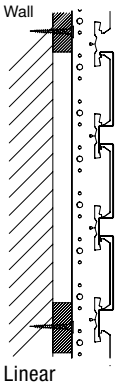


M1 (Unperforated) | M2 (Microperforated)

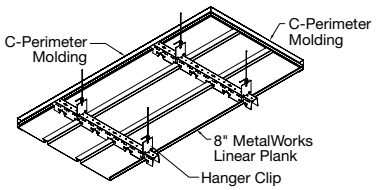
INSTALLATION DETAILS



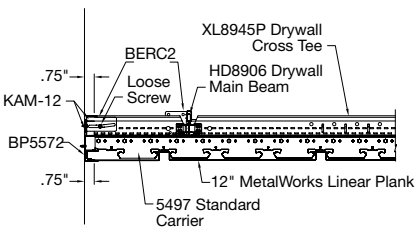
Linear Transitions Ceiling to Wall



Linear Attaching to Wall



Standard Installation 8" Planks



Seismic Installation Perpendicular to Main Carrier Unattached Wall

METALWORKS™ Linear
METALWORKS Linear Exterior

smooth texture

25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓					

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Item Number◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Acoustics NRC	Fire Rating	Light Reflect (White Only)	Wash	Scrub	Impact	Scratch	Soil
METALWORKS™ Linear Planks						Durability				
5490_ _ _ _ _	4" Unperforated	96 x 4 x 5/8"	N/A	Class A	0.77	•	•	•	•	•
new **7160**_ _ _ _ _	6" Unperforated	96 x 6 x 5/8"	N/A	Class A	0.77	•	•	•	•	•
5491_ _ _ _ _	8" Unperforated	96 x 8 x 5/8"	N/A	Class A	0.77	–	–	–	•	–
5570_ _ _ _ _ †	12" Unperforated	96 x 12 x 5/8"	N/A	Class A	0.77	–	–	–	•	–
5492_ _ _ _ _	4" Microperforated (with plain border and acoustical fleece)	96 x 4 x 5/8"	0.70 0.85* •	Class A	0.61	–	–	–	•	–
new **7161**_ _ _ _ _	6" Microperforated (with plain border and acoustical fleece)	96 x 6 x 5/8"	0.70 0.85* •	Class A	0.61	–	–	–	•	–
5493_ _ _ _ _	8" Microperforated (with plain border and acoustical fleece)	96 x 8 x 5/8"	0.70 0.85* •	Class A	0.61	–	–	–	•	–
5571_ _ _ _ _ †	12" Microperforated (with plain border and acoustical fleece)	96 x 12 x 5/8"	0.70 0.85* •	Class A	0.61	–	–	–	•	–

◆ When specifying or ordering, include the appropriate 2-, 3-, 4-, or 5-letter color suffix (e.g., 5490M2 W H, 5490M1 W H 2, 5490M2 F X C H, 5490M1 F X C H 2).
† 12" panels are "S" Service items with minimum order quantities and extended lead times.
* NRC 0.85 with optional fiberglass infill. For acoustical infill panel information, see pages 100-101.
NOTE: Gun Metal Grey (MY) and Gun Metal Grey Exterior (MY2) are available as "S" Service items with minimum order quantities and extended lead times.

ACCESSORIES

Item Number◆	Description	Dimensions Nominal L x W x H (Inches)	Colors
5572_ _ _ _ _	Standard Carrier Molding	120 x 1 x 2"	Interior/Exterior Colors
5574_ _ _ _ _	Flex Carrier Molding	120 x 1 x 1"	Interior/Exterior Colors
5581_ _ _ _ _	4" End Cap	1 x 4 x 5/8"	Interior/Exterior Colors
new **7162**_ _ _ _ _†	6" Panel End Cap	1 x 6 x 5/8"	–
5582_ _ _ _ _	8" End Cap	1 x 7 x 5/8"	Interior/Exterior Colors
5583_ _ _ _ _	12" End Cap	1 x 11 x 5/8"	Interior/Exterior Colors

◆ When specifying or ordering, include the appropriate 4- or 5-letter color suffix (e.g., 5572 F X C H, 5572M1 F X C H 2).

SUSPENSION SYSTEM

Item Number	Description	Dimensions Nominal L x W x H (Inches)	Pieces/ Carton
5495	4" Panel Splice	4 x 3-1/4 x 9/16"	50
new **7163**	6" Panel Splice	4 x 6 x 1/2"	50
5496	8" Panel Splice	8 x 7-1/4 x 9/16"	50
5497	4", 8", 12" Standard Carrier	144 x 1-5/8 x 1-5/8"	10
new **7164**	6" Carrier	144 x 1-5/8 x 1-5/8"	10
5498	4", 8", 12" Flex Carrier	144 x 1-5/8 x 1"	10
new **7165**	6" Flex Carrier	144 x 1-5/8 x 1"	10
5499	4", 8", 12" Carrier Splice	4 x 1-1/2 x 5/8"	50
new **7166**	6" Carrier Splice	6 x 1-1/2 x 7/8"	50
5580	Carrier Hanger	2-1/4 x 3 x 1"	20
6351	Speed Clip	1/4 x 1/2 x 1/8"	Bulk
5494	Contrast Filler Strip Black	96 x 1/4 x 1/16"	16

NOTE: Due to the non-standard suspension system of this product, call TechLine at 1 877 ARMSTRONG to place an order.

PHYSICAL DATA

Material
Electrogalvanized Steel – thickness 0.028"

Surface Finish
Available in White, Silver Grey, Gun Metal Grey, and Effects™ Wood Looks powder-coated, post-production finishes. Panels are finished on both sides for exterior applications. Custom colors also available. Contact TechLine for custom color matching requests at 1 877 ARMSTRONG.

Edge Detail
Square with extended flange. To create contrast visual, flange is covered with 1-1/4" Black Contrast Filler Strip item 5494.

Fire Performance
Tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Fire Class – Class A
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Seismic Restraint
MetalWorks Linear panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Wind Uplift Performance
4", 6", and 8" panels tested for wind uplift Classes 30, 60, and 90. Specific installation recommendations to meet these wind classes are available. There is no acoustical fleece on exterior panels. For more information, contact TechLine at 1 877 ARMSTRONG.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
5490, 5492 – 1.61 lbs/SF; 16 pcs/ctn or 128 LF/ctn; 43 SF/ctn
5491, 5493 – 1.61 lbs/SF; 10 pcs/ctn or 80 LF/ctn; 53 SF/ctn
5570, 5571 – 1.61 lbs/SF; 6 pcs/ctn or 48 LF/ctn; 48 SF/ctn
7160, 7161 – 1.61 lbs/SF; 12 pcs/ctn or 96 LF/ctn; 48 SF/ctn

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/metalworks
(search: metalworks linear)
BPCS-5113-1115

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Armstrong®

METALWORKS™ Mesh™

Lay-in



MetalWorks™ Mesh™ Square Weave panels in Nickel Chrome with Prelude® 15/16" suspension system (Pgs. 279-280)



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks tegular

Standard system provides a contemporary, open feel in 18 standard designs.

KEY SELECTION ATTRIBUTES

- Eighteen standard designs on 24" x 24" ceiling panels
- Variety of standard colors, plus custom colors available
- Flexible design – use as accent borders, clouds, or full ceilings
- Simple and safe installation – panels lay in standard 15/16" suspension system with borders or finished edges
- Can be used in Formations™ Clouds

WOVEN WIRE (1:6 scale shown)

Square Weave



1Cell
Item 6415AM



2Cell
Item 6416AM



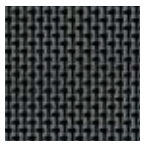
Twin Round Narrow
Item 6129AM



Twin Flat Narrow
Item 6412AM



Twin Flat Wide
Item 6410AM



Single Flat Narrow
Item 6411AM

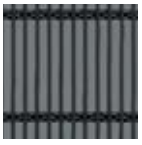
Linear Weave



Single Mini
Item 6413AM



Single Narrow
Item 6414AM



Triple Narrow
Item 6128AM

Diamond Weave



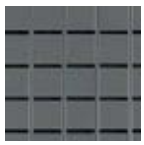
1Diamond
Item 6417AM



2Diamond
Item 6418AM

For detailed pattern information including spacing wire diameters and open area, go to armstrong.com/mesh

WELDED WIRE (Actual 1:6 scale shown)



1Cell
Item 6131AM



2Cell
Item 6132AM



3Cell
Item 6133AM

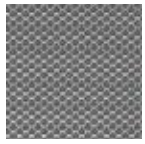
EXPANDED METAL (Actual 1:6 scale shown)



Lattice
Item 6136AM



Cascades
Item 6139AM



Scallops
Item 6137AM



Trellis
Item 6138AM

MESH / SUSPENSION SYSTEM COLORS

Available on All Panels:

White (WH)



Silver Grey (SG)

Available on Select Panels:



Nickel Chrome (NC)*††



Bright Anodized (BA)**††

Natural Anodized (NA)**††



Gun Metal Grey (MY)



Tech Black (BL)



Bronze (BZ)***



Copper (CP)***



Custom Colors Available

Coordinating Suspension System Colors:

White (MY)

Silver Satin (SA)



Gun Metal Grey (MY)



Black (BL)

Natural Aluminum (WA)†

Due to printing limitations, shade may vary from actual product.

* Not available on Cascades
** Only available on Cascades
*** Premium options
†† Not available as a coordinating suspension system color

METALWORKS™ Mesh™

Lay-in

25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Description	Panel Dimensions (Inches)	Interior Pattern Dimensions (Inches)	% Open Area	Fire Rating	Wash	Scrub	Impact	Soil
							Durability			
WOVEN WIRE										
Square Weave										
Square Lay-in	**6129AM** _ _	Twin Round Narrow	24 x 24 x 1/4"	0.25"/0.57"/0.25"/0.57"	61%	Class A	•	•	•	•
	**6410AM** _ _	Twin Flat Wide	24 x 24 x 1/4"	0.75"/2.25"/0.75"/2.25"	56%	Class A	•	•	•	•
	6411AM _ _	Single Flat Narrow	24 x 24 x 1/4"	0.25 x 0.25"	21%	Class A	•	•	•	•
	6412AM _ _	Twin Flat Narrow	24 x 24 x 1/4"	0.25"/0.75"/0.25"/0.75"	53%	Class A	•	•	•	•
	6415AM _ _	1Cell	24 x 24 x 1/4"	0.855 x 0.855"	76%	Class A	•	•	•	•
	6416AM _ _	2Cell	24 x 24 x 1/4"	1.387 x 1.387"	82%	Class A	•	•	•	•
Linear Weave										
	6413AM _ _	Single Mini	24 x 24 x 1/4"	0.3125 x 0.143"	57%	Class A	•	•	•	•
	6414AM _ _	Single Narrow	24 x 24 x 1/4"	1.105 x 0.25"	52%	Class A	•	•	•	•
	6128AM _ _	Triple Narrow	24 x 24 x 1/4"	3.15 x 0.386"	62%	Class A	•	•	•	•
Diamond Weave										
	6417AM _ _	1Diamond	24 x 24 x 1/4"	0.855 x 0.855"	76%	Class A	•	•	•	•
	6418AM _ _	2Diamond	24 x 24 x 1/4"	1.326 x 1.326"	82%	Class A	•	•	•	•
WELDED WIRE										
Square Lay-in	**6131AM** _ _	1Cell	24 x 24 x 1/4"	1 x 1"	78%	Class A	•	•	•	•
	**6132AM** _ _	2Cell	24 x 24 x 1/4"	2 x 2"	88%	Class A	•	•	•	•
	6133AM _ _	3Cell	24 x 24 x 1/4"	3 x 3"	92%	Class A	•	•	•	•
EXPANDED METAL										
Square Lay-in	**6136AM** _ _	Lattice	24 x 24 x 1/4"	SWD 0.250", LWD 0.500"	73%	Class A	•	•	•	•
	**6137AM** _ _	Scallops	24 x 24 x 1/4"	SWD 0.295", LWD 0.394"	61%	Class A	•	•	•	•
	6138AM _ _	Trellis	24 x 24 x 1/4"	SWD 0.515", LWD 1.200"	70%	Class A	•	•	•	•
	6139AM _ _	Cascades	24 x 24 x 1/4 "	SWD 0.950", LWD 2.000"	23%	Class A	•	•	•	•

◆ When specifying or ordering, include the appropriate 2-letter color suffix with the item number (e.g., 6129AM S G).
SWD = Short way of design LWD = Long way of design
NOTE: For acoustical infill panel information, see pgs. 100-101.

SUSPENSION SYSTEMS

(See pg. 279-280 for Prelude® XL® components. See pgs. 265-266 for 360° Painted Grid components.)

15/16"



Prelude XL

PHYSICAL DATA

Material
All items, except Cascades panels, are cold-rolled steel. Cascades panels are made of aluminum.

Surface Finish
Available finishes include a range of smooth, factory-applied powder-coated (post-coated) finishes. Anodized finishes (BA, NA) on Cascades panels only.

Fire Performance
ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

All MetalWorks™ Mesh™ panels are non-combustible. As with other architectural features located at the ceiling, Mesh panels may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling the heat from a fire either toward or away from the device.

For panels that do not meet the criteria for open-suspension system ceilings as defined by NFPA 13, a 24" x 24" mineral fiber panel should be placed on the back of the Mesh panel when installing the ceiling, with the sprinkler installed below both panels. (Fine Fissured™ item 1728BL is an acceptable lay-in product for this use.)

Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Design Considerations
For more open MetalWorks Mesh items where the suspension system may be visible through the panels, consider using a 360° Painted Grid System coordinated with the panel color.

Installation Considerations
Hold down clips may be required in some installations, see pg. 293-294. The edges of MetalWorks Mesh panels feature unique detailing. Use caution and wear appropriate hand and eye protection when installing or cutting these metal panels. Refer to Installation Instructions BPLA-297075 at armstrong.com/metalworks for details and cutting recommendations.

Warranty
Details at armstrong.com/warranty

Weight/Panel (Bulk Packed)
6128AM – 4.2 lbs; 6129AM – 6 lbs
6131AM – 4 lbs; 6132AM – 2.3 lbs
6133AM – 1.6 lbs
6410AM, 6412AM – 4.8 lbs
6136AM – 1.8 lbs; 6137AM – 2.8 lbs
6138AM – 1.7 lbs; 6138AM – 2.1 lbs
6411AM – 8.2 lbs; 6413AM – 5.1 lbs
6414AM – 6.9 lbs
6415AM, 6417AM – 3.3 lbs
6416AM, 6418AM – 3.2 lbs

Minimum Order Quantity
160 Square Feet

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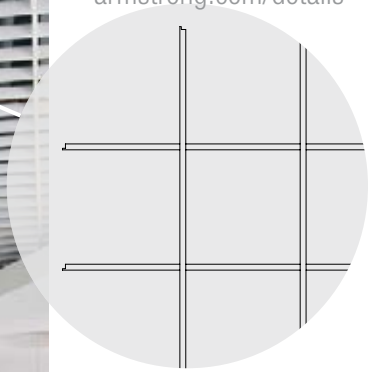
METALWORKS™ Open Cell

Square Lay-in

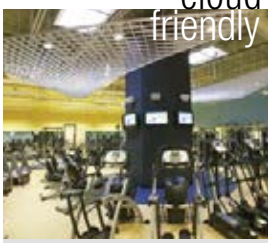


MetalWorks™ Open Cell 8" Lay-in panels in White

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks open cell

Durable open cell panels are 100% accessible and offer a clean, modern design option.

KEY SELECTION ATTRIBUTES

- Open look with crisp white finish
- Variety of design options
- Helps mask the plenum
- Lay-in system is fast and easy to install in a standard suspension system
- Framed 24" x 24" panels create seamless visual; no need for painted grid
- Durable post-production powder-coated finish

COLOR SELECTION

Due to printing limitations, shade may vary from actual product.

White
(WH)



Custom Colors
Available

METALWORKS™ Open Cell

Square Lay-in

85% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

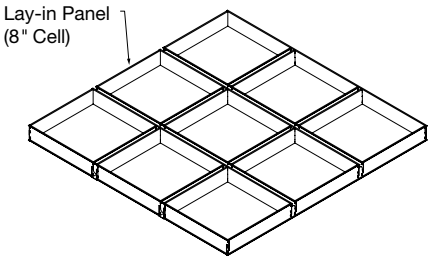
LEED®

energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions (Inches) Custom Sizes Available		Interior Cell Size	% Open	Fire Performance
METALWORKS™ Open Cell Lay-in						
9/16" Square Lay-in 	**6188**	24" x 24"		3"	75%	Class A
	6189	24" x 24"		4"	81%	Class A
	6193	24" x 24"		6"	87%	Class A
	6194	24" x 24"		8"	90%	Class A

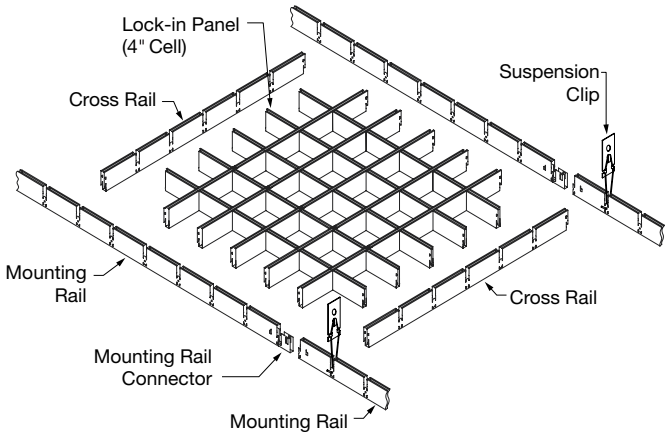


Installs in standard 9/16" T-Bar suspension system

METALWORKS OPEN CELL LOCK-IN

- System includes: 24" x 24" panels with 8' mounting rails and connectors, 2' cross rails, and suspension clips
- Available in four interior cell sizes – 3", 4", 6", and 8"
- Durable post-production, powder-coated finish
- Custom sizes and colors available
- Installation instructions available at armstrong.com/metalworks
- Contact TechLine for item details

NOTE: Custom Lock-in System also available. This system includes unframed Open Cell panels that connect to mounting and cross rails for a self-suspending system – no other suspension system required. Contact TechLine for more details at 1 877 ARMSTRONG.



PHYSICAL DATA

Material
Aluminum, 0.016" thick

Dimensions
Panel: Nominal 24" x 24" x 1-1/2" blade height x 9/16" blade width (matches 9/16" suspension system)

Interior Cell Sizes
3", 4", 6", and 8"
Custom cell sizes also available upon request as premium options.

Surface Finish
Standard white in a powder-coated, post-production painted finish, as well as Custom colors. Contact TechLine for custom color matching requests.

Accessories
Metal Infill panels (for sprinklers and lighting) available. These fill the 3", 4", 6" and 8" interior cells.

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed 50 or less.

Fire Performance with Sprinklers
MetalWorks Open Cell ceilings may affect the planned fire sprinkler water distribution pattern or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device.

Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Seismic Restraint
MetalWorks Open Cell Lay-in has been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight/Carton
Ranges from 7-20 lbs/ctn depending on interior cell size

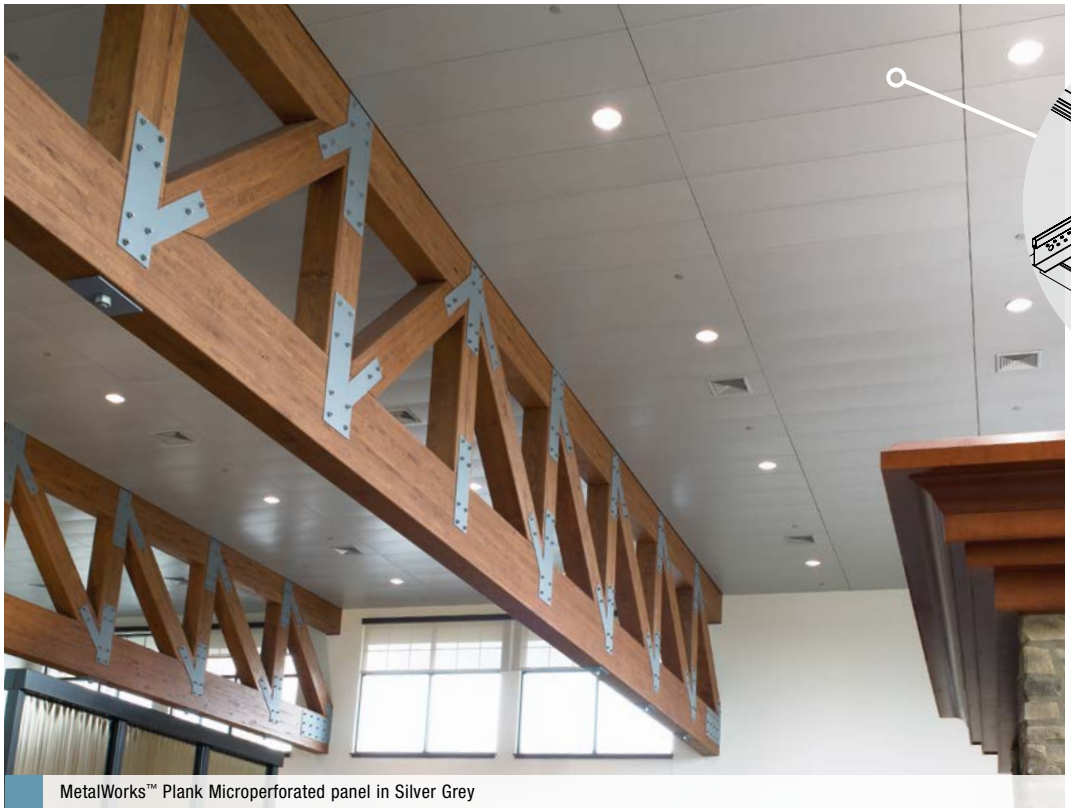
Square Feet/Carton
40 SF/ctn (panels)

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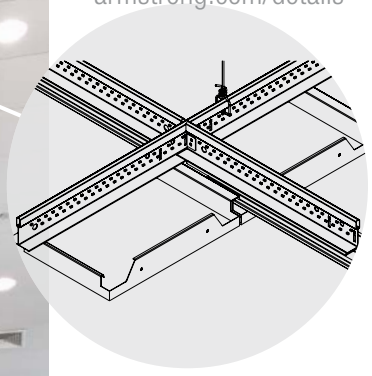
METALWORKS™ Plank

Hook-on
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Plank Microperforated panel in Silver Grey





See more photos at:
armstrong.com/photogallery
SEARCH: metalworks plank

Durable, steel hook-on planks with 1/8" reveal are upward accessible.

KEY SELECTION ATTRIBUTES

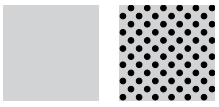
- Upward accessible
- Crisp visual with narrow 1/8" reveal
- Good NRC with acoustical fleece (perforated pattern)
- Economical option with fast delivery
- Durable – Washable, Scrubbable, Impact-resistant, Soil-resistant

COLORS
Due to printing limitations, shade may vary from actual product.



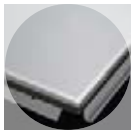
White (WH)
Silver Grey (SG)

PERFORATION OPTIONS
(1:2 scale shown)



M1 (Unperforated)
M2 (Microperforated)

DETAILS



MetalWorks Plank Microperforated

METALWORKS™ Plank

Hook-on
smooth texture

25% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions Nominal W x L x H (Inches)	Perforations
METALWORKS™ Plank			
	**5330_ _**	16 x 72"	M1
	5331_ _	16 x 72"	M2
	5332_ _	16 x 96"	M1
	5333_ _	16 x 96"	M2

PERFORMANCE

Dots represent high level of performance.

Fire Performance	Light Reflect (White Only)	Wash	Scrub	Impact	Soil (Durability)
Class A	0.77	•	•	•	•
Class A	0.61	•	•	•	•
Class A	0.77	•	•	•	•
Class A	0.61	•	•	•	•

ACOUSTICAL INFORMATION

Perforation	NRC	CAC
M1	0.10	36 •
M2	0.65	31*

* With optional field-cut #747 mineral fiber backing. For more information on acoustical infill panels, see page 100-101.

◆ When specifying or ordering, include the appropriate color suffix with the item number (e.g., 5330 W H; 5332 S G). Light reflectance is for White only.

ACCESSORIES

	Item Number	Description	Length	Pieces/Carton
	**5336 _ _ ◆**	4-1/2" Plank Trim	10'	5
	5337	Seismic Spring	N/A	100
	M311081	Pressure Spring	N/A	100
	**M330011A**	F Shadow Gap Wall Angle RA5F – WH	10'	10
	M330003A	F Wall Angle RA4F – WH	10'	10
	**M330005A**	F Wall Angle RA4F – SG	10'	10

◆ When specifying or ordering, include the appropriate color suffix with the item number (e.g., 5336 W H).

SUSPENSION SYSTEMS

Item Number	Description	Length	Pieces/Carton
HD8906	12' Heavy-duty Drywall Main Beam	12'	12
5335	4' Hook-on Cross Tee Aseembly	4'	10

PHYSICAL DATA

Material
Electrogalvanized steel – thickness 0.028"

Surface Finish
Factory-applied, powder-coated finish (post-coated)

Fire Performance
Flame Spread Index 25 or less. Smoke Developed Index 50 or less. See Installation Instructions LA-297243 for guidelines for seismic areas.

Design Considerations
If non-standard sizes, colors, or perforations are needed, call 1 877 ARMSTRONG for TechLine, or contact your Armstrong representative to review the MetalWorks™ RH200 Custom Plank system. Install with minimum plenum clearance.

Installation Consideration
Cut panels are non-accessible.

Recommended Suspension System
Drywall Heavy-duty main beams with MetalWorks Plank Hook-on cross tees as listed above.

Seismic Restraint
MetalWorks™ Plank has been engineered, tested, and approved for application in all seismic areas, when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight; Panels/Carton
0.88 lbs/SF; 4 panels/ctn

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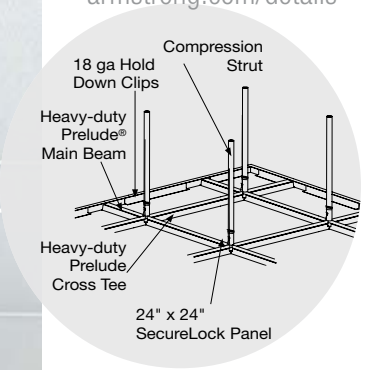
METALWORKS™ SecureLock™ and SecureLock Plus

Lay-in & Screw-in
smooth texture



MetalWorks™ SecureLock™ 24" x 24" panel with P4 perforation in White on Prelude® XL® 15/16" suspension system (Pg. 279-280)

CAD/Revit® drawings at:
armstrong.com/details





See more photos at:
armstrong.com/photogallery
SEARCH: metalworks securelock

Tamper-resistant ceiling system from 18-gauge galvanized steel panels.

KEY SELECTION ATTRIBUTES

SecureLock Lay-in

- Point load tested to withstand up to 850 lbs and a minimum of 430 lbs
- Concealed locking
- Installs on a heavy-duty Armstrong® suspension system
- Protection against contraband concealment

SecureLock Plus Screw-in (custom)

- Tamper-proof plank ceiling
- System capable of withstanding 600 impacts with 200 ft lb of energy
- Screw-in point load plank system tested to withstand 960 – 3,100 lbs of force
- 12-, 14-, and 16-gauge galvanized steel planks for added strength and durability
- Available in 12", 18", and 24" widths and up to 10' lengths
- Protection against contraband concealment
- Stainless steel planks

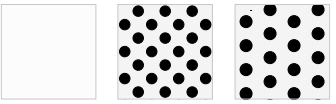
COLOR SELECTION
Due to printing limitations, shade may vary from actual product.



White (WH) | Silver Grey (SG)* | Gun Metal Grey (MY)*

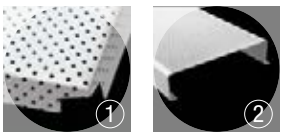
* Premium finish options

PERFORATION OPTIONS
(1:2 scale shown)



M1 (Unperforated) | P4 (SecureLock Perforation) | P5 (SecureLock Plus Perforation)

DETAILS



1. MetalWorks SecureLock Perforated
2. MetalWorks SecureLock Plus Perforated

METALWORKS™ SecureLock™ and SecureLock Plus

Lay-in & Screw-in
smooth texture

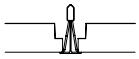
30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions (Inches)	Fire Rating	Perforations
METALWORKS™ SecureLock™				
15/16" Lay-in 	**5488_ _WH**	24 x 24"	Class A	P1, P4

◆ Add 2-letter perforation suffix to item number when specifying or ordering (e.g., 5488P 1WH).
NOTE: 24" x 48" panels and SecureLock Plus Custom panels are available by contacting TechLine at 1 877 ARMSTRONG.

PERFORMANCE

Dots represent high level of performance.

	Light Reflect	Wash	Scrub	Impact	Soil
	(White Only)	Durability			
0.77 (P1) 0.61 (P4)	•	•	•	•	•

ACOUSTICAL INFORMATION

Perforation	NRC**	CAC*
P1	–	36 •
P4	0.80 •	38* •

* With optional field-cut item 747 mineral fiber backing (cannot be used in addition to fiberglass infill item 8200100).
** NRC 0.80 (microperforated) with optional fiberglass infill item 8200100.

ACCESSORIES

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5396	24 x 24" Hold Down Border Clips – 18 gauge	22-1/8"	Bulk
5594	Compression Strut	–	Bulk
5596	Security Screws	–	100
5597	Security Screwdriver (to be used with item 5596)	–	1
5598	Tek Screws	–	100
5650WH	C Channel – 18 gauge	120"	Bulk
5398	Access Door – 18 gauge	24 x 24 x 1"	Bulk
5965P1WH	24 x 24" Exit Panel Unperforated	24 x 24 x 1"	8
5965P4WH	24 x 24" Exit Panel Perforated	24 x 24 x 1"	8
8200100	1" Fiberglass Infill Panel	24 x 24 x 1"	12

SUSPENSION SYSTEMS (See pg. 279-280 for components.)

15/16"



Prelude® XL®

PHYSICAL DATA

Material
Electrogalvanized Steel – thickness 18 gauge

Surface Finish
Factory-applied powder-coated finish (post-coated)

Fire Performance
Tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Design/Installation Considerations
Panels installed in correctional facilities are recommended for supervised areas. For detailed impact and point load test results, contact TechLine.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
5488P1WH – 2.24 lbs/SF; 32 SF/ctn
5488P4WH – 1.97 lbs/SF; 32 SF/ctn

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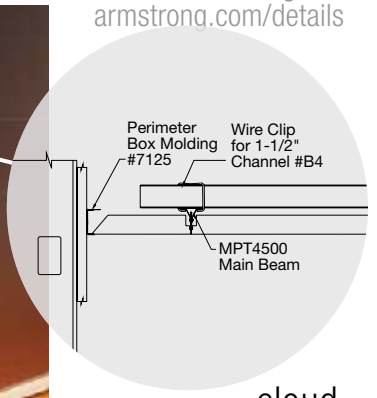
METALWORKS™ Snap-in

Concealed Suspension
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Snap-in 20" x 60" panels with M16 perforation in Silverlume with Prelude® 15/16" suspension system (Pg. 279-280)



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks snap-in

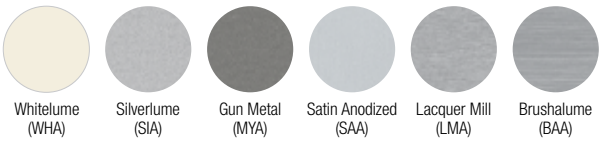
This monolithic ceiling with a concealed appearance, offers downward accessibility and excellent acoustical sound blocking/absorption options.

KEY SELECTION ATTRIBUTES

- Low-cost concealed suspension solution
- Use on a lower clearance plenum (as low as 2") when MPT snap bar is attached directly to the deck
- Downward accessible (with panel removal tool)
- A variety of standard finishes and perforations available to enhance design aesthetics and acoustical performance
- NRC values up to 0.90 with fiberglass infill panels
- Laminate finishes provide superior wood-look visual with printed vinyl bonded to aluminum; visuals other than the ones shown are also available
- Durable – Washable, Scrubbable, Impact-resistant, Soil-resistant

COLOR SELECTION
Due to printing limitations, shade may vary from actual product.

MetalWorks



Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA) | Satin Anodized (SAA) | Lacquer Mill (LMA) | Brushalume (BAA)

Reflections™ Laminate Finishes



Arctic Maple (LAM) | Natural Maple (LNMPIE) | Rock Maple (LRM) | Light Cherry (LLC) | Natural Oak (LNOIE) | Pecan (LPC)

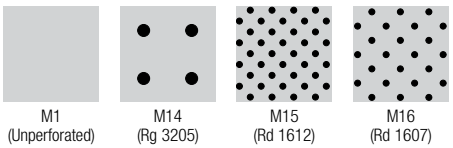


Wild Cherry (LWC) | Mineral Forest (LMF) | Walnut (LWN)

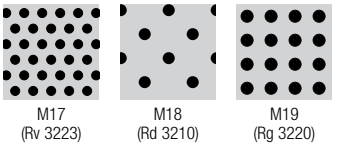


Custom Colors and Finishes Available

PERFORMANCE OPTIONS
(1:2 scale shown)



M1 (Unperforated) | M14 (Rg 3205) | M15 (Rd 1612) | M16 (Rd 1607)



M17 (Rv 3223) | M18 (Rd 3210) | M19 (Rg 3220)



Custom Perforations Available

UP TO 90% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

METALWORKS™ Snap-in

Concealed Suspension
smooth texture

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions (Inches) Custom Sizes Available	Perforations
METALWORKS™ Snap-in (with acoustical fleece)			
Snap-in Square 15/16" 	**7216**_ _ _ _ _	12 x 48"	M1; M14-19
	7215_ _ _ _ _	24 x 24"	M1; M14-19
	7217_ _ _ _ _	24 x 48"	M1; M14-19
	7219_ _ _ _ _	30 x 30"	M1; M14-19

◆ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g., 7215 M 1 4 L M A).

PERFORMANCE

Dots represent high level of performance.

Light Reflect	Wash	Scrub	Impact	Soil
(White Only)	Durability			
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•
0.77 (M1)	•	•	•	•

ACOUSTICAL INFORMATION

Perforation	NRC with acoustical fleece**	NRC with 1" fiberglass infill panel**
	NRC	NRC
M1	–	–
M14	0.55	0.85 •
M15	0.70 •	0.90 •
M16	0.70	0.80 •
M17	0.75 •	0.90 •
M18	0.65	0.85 •
M19	0.75 •	0.90 •

** Maximum NRC achieved with acoustical infill (item 8200100 or 5823). For additional infill panel options, refer to catalog pages 100-101.

EXAMPLE: 7215 M14 LMA

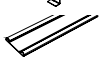
- 7215: Panel Dimension: 24" x 24"
- M14: Perforation: M14 Round Straight Rg 3205
- LMA: Finish: Lacquer Mill

ACCESSORIES

	Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
	**7125**_ _ _	Box Molding	2 x 96 x 1.5"	WHA, SIA, MYA, SAA, LMA, BAA, BL	10
	**7126**	Spreader Hold Down	1 x 10-5/8 x 1-1/2"	N/A	10
	5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black	12
	8200100	1" Fiberglass Infill Bag	24 x 24 x 1"	Black (Gloss)	12
	7127	Snap-in Access Tool	N/A	N/A	1

SUSPENSION SYSTEMS

15/16" Prelude® XL® main beams (see catalog pgs. 279-280 for components.); 1-1/2" Drywall Grid main beams (See catalog pgs. 324-325 for components.); Cross tee optional but recommended.

	Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
	**1-1/2" Carrying Channel**	Supplied by others	–	–	–
	**MPT4500**	Spring Tee (Snap Bar)	–	N/A	25
	**B4**	Wire Clip 1-1/2" Channel	–	N/A	1,000
	**7132**	Snap Bar Hanger	3-1/4 x 5"	N/A	100
	**7133**	Snap Bar Miser Clip	3-1/4 x 4-7/16"	N/A	100
	**S45**	Splice for Metal Pan Main Beam	12"	N/A	250

PHYSICAL DATA

Material
Aluminum – thickness 0.040"

Surface Finish
Laminates: Vinyl-faced membrane
Painted finishes: Factory-applied polyester paint
Custom colors and finishes available.

Fire Performance
Painted aluminum finishes tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Laminate finish tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

ASTM E1264 Classification
Fire Class A – Painted
Fire Class B – Laminates

Acoustical Options
Perforated panels are supplied with a black fiberglass fleece to absorb sound.

Recycled Content
Minimum 25%. Up to 90% recycled content available.

Design Consideration
Anodized and Lacquer Mill finishes may vary in shade between production runs and over time.

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Seismic Restraint
This product is not recommended for seismic areas. Use MetalWorks Torsion Spring or Vector® panels in seismic conditions.

Warranty
Details at armstrong.com/warranty

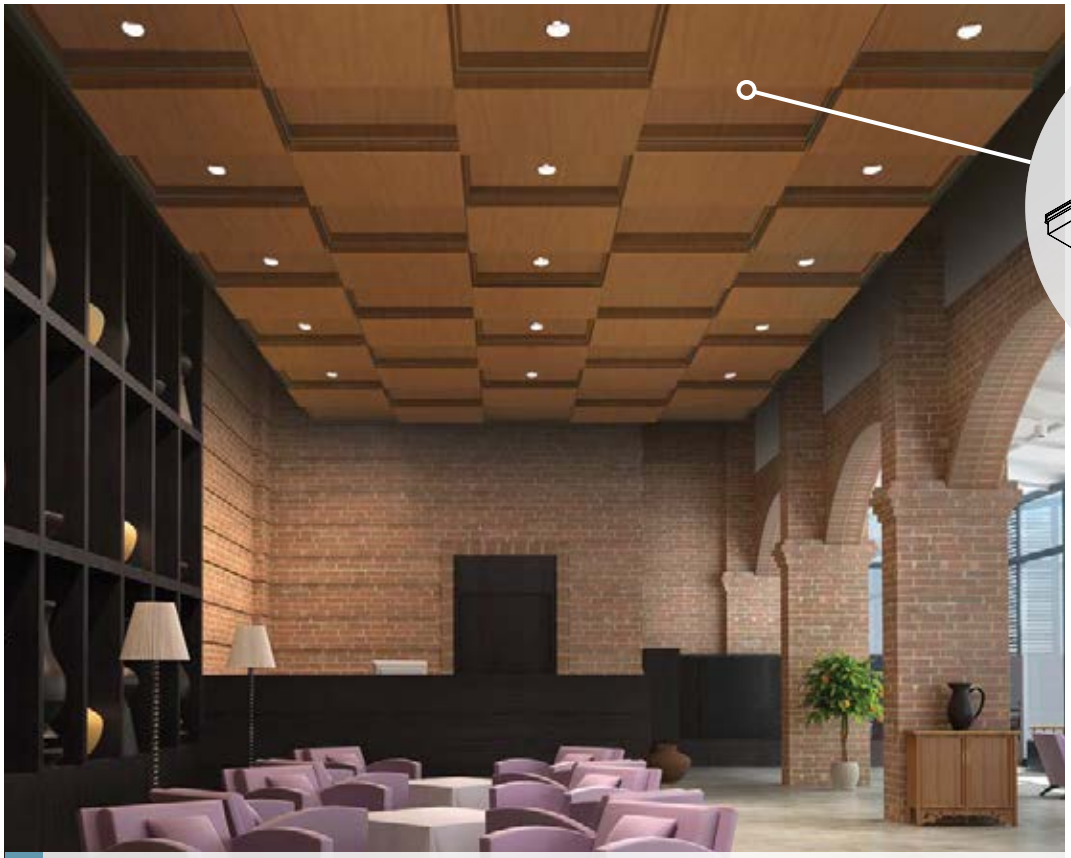
Weight
0.69 lbs/SF

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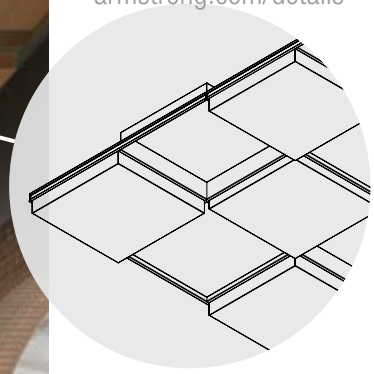
METALWORKS™ 3D

Tegular
smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ 3D in Wild Cherry on Suprafine® XL® suspension system (Pg. 287-288)



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks 3D

3D ceiling system panels are available in five different heights that can be installed up or down.

KEY SELECTION ATTRIBUTES

- Define and accentuate spaces with unique 3D look
- new Reflections™ laminate finishes provide wood-look visual
- Standard Tegular and 1", 2", 3", and 4" panel heights
- Easy to install
- Perforation option available for acoustics
- Durable – Washable, Scrubbable, Soil-resistant

COLOR SELECTION

Due to printing limitations, shade may vary from actual product.

MetalWorks



Whitelume (WHA)
Silverlume (SIA)
Gun Metal (MYA)

new Reflections Laminate Finishes



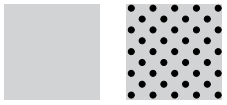
Arctic Maple (LAM)
Natural Maple (LNMPIE)
Rock Maple (LRM)
Light Cherry (LLC)
Natural Oak (LNOIE)
Pecan (LPC)
Wild Cherry (LWC)
Mineral Forest (LMF)
Walnut (LWN)



Custom Colors and Finishes Available

PERFORATION OPTIONS

(1:2 scale shown)



M1 (Unperforated)
M15 (Rd 1612)

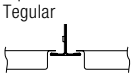


Custom Perforations Available

METALWORKS™ 3D

Tegular
smooth texture

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions Nominal W x L (Inches) Custom Sizes Available	Fire Rating**
METALWORKS™ 3D Tegular			
9/16" Square Tegular  (dimension varies)	new **7220**_ _ _ _ _	24 x 24 x 5/16" Down Tegular	☐ Class A / Class B
	7220UP1_ _ _ _ _	24 x 24 x 1" Up Tegular	☐ Class A / Class B
	7220DN1_ _ _ _ _	24 x 24 x 1" Down Tegular	☐ Class A / Class B
	7220UP2_ _ _ _ _	24 x 24 x 2" Up Tegular	☐ Class A / Class B
	7220DN2_ _ _ _ _	24 x 24 x 2" Down Tegular	☐ Class A / Class B
	7220UP3_ _ _ _ _	24 x 24 x 3" Up Tegular	☐ Class A / Class B
	7220DN3_ _ _ _ _	24 x 24 x 3" Down Tegular	☐ Class A / Class B
	7220UP4_ _ _ _ _	24 x 24 x 4" Up Tegular	☐ Class A / Class B
	7220DN4_ _ _ _ _	24 x 24 x 4" Down Tegular	☐ Class A / Class B

PERFORMANCE

Dots represent high level of performance.

Light Reflect (White Only)	Wash	Scrub	Impact	Soil
	Durability			
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•
0.77	•	•	•	•

ACOUSTICAL INFORMATION

Perforation	NRC†
M1	–
M15	0.70 - 0.90* •

* For perforated panels only, NRC 0.70 (Fleece); 0.90 (acoustical infill).

† Please note that NRC values are stated for in-fill-to-infill comparison. Actual NRC value will vary based on panel and perforation selection.

◆ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g. 7220 M 1 W H A).
* Light reflectance is for unperforated Whitelume.
** Class A fire rating on MetalWorks painted finishes and Class B on Reflections laminate finishes.

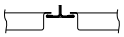
ACCESSORIES

Item Number	Description	Dimensions Nominal W x L x H (Inches)	Color	Pieces/ Carton	NRC†	CAC	VOC Emissions
8200100	1" Fiberglass Infill Panel	24 x 24 x 1"	Black	12	0.75 •	N/A	•
747*	Cortega® Square Lay-in Panel	24 x 48 x 5/8"	White	8	0.55	40 •	•
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black-Matte	12	0.75	N/A	•

* Recommended for high CAC acoustical performance with MetalWorks Microperforated panels.

SUSPENSION SYSTEMS

9/16"



Suprafine® XL®

Coordinating suspension systems and Axiom® trim available for painted colors.
Black suspension and Axiom trim are suggested for Reflections™ wood looks.
Consult Armstrong.com or our most recent catalog for full suspension and trim selections.

PHYSICAL DATA

Material
Aluminum – thickness 0.040"

Surface Finish
Reflections™ laminate finishes: Vinyl-faced membrane
Painted finishes: Factory-applied polyester paint
Custom colors also available.

Fire Performance
Painted aluminum tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Laminate finishes tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less. CAN/ULC 102 Surface Burning Characteristics. Flame Spread Rating less than 25; Smoke Developed Index 50 or less. Class A per IBC.

ASTM E1264 Classification
Fire Class – Class A (painted)
– Class B (laminate)
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Design Consideration
Panels may show a small area of exposed metal edge due to the forming process. Edge paint is available to minimize this effect.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet
7220 – 0.55 lbs/SF
7220UP1 – 0.60 lbs/SF
7220DN1 – 0.60 lbs/SF
7220UP2 – 0.70 lbs/SF
7220DN2 – 0.70 lbs/SF
7220UP3 – 0.80 lbs/SF
7220DN3 – 0.80 lbs/SF
7220UP4 – 1.00 lbs/SF
7220DN4 – 1.00 lbs/SF

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/metalworks
(search: metalworks 3D)
BPCS-5119-1115

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METALWORKS™ Tin

Lay-in, Tegular, and Nail-up
smooth texture



MetalWorks™ Tin 9/16" Lay-in item 56007 extra microperforated in Lacquered Steel with Suprafine® XL® 9/16" suspension system (Pgs. 287-288)

Classic tin ceiling system are available in multiple patterns with acoustical options.

KEY SELECTION ATTRIBUTES

- Industry's only:
  - – Extra microperforated panels
  - – 9/16" Tegular panels reduce visibility of the suspension system
- Variety of standard color and pattern options in 24" x 24" Lay-in and Tegular or 24" x 48" Nail-up sizes
- 18" x 18" Tin infill panels also available for Metaphors® Coffers
- Wide range of decorative accessories

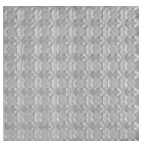


See more photos at:
armstrong.com/photogallery
SEARCH: metalworks tin

PATTERNS – STANDARD* (Cornice and accessory information on pg. 100-101)

24" x 24" (Lay-in or Tegular) or 24" x 48" (Nail-up)


Item 56001


Item 56002


Item 56003


Item 56004


Item 56005


Item 56006


Item 56007


Item 56008

* Only items 56001, 56002, 56003, and 56004 are available with a Tegular edge detail.

A variety of other patterns are available as premium options. See armstrong.com/tin for more information.

COFFERS – STANDARD

24" x 24" (15/16" Lay-in only)


Item 6661


Item 6662

FILLERS – STANDARD

24" x 24" (Lay-in only)


Item 56009

NOTE: Coffers items only available unperforated in White, Bare Steel, and Lacquered Steel finishes.

FINISHES (Available on standard and custom patterns, coffers, fillers, and cornices.)

White (TWH)


Bare Steel (TNA)


Lacquered Steel (TLS)


Copper (TCP)

COLOR SELECTION Due to printing limitations, shade may vary from actual product.

Finishes


White (TWH) | Bare Steel (TNA) | Lacquered Steel (TLS) | Copper (TCP)

Suspension System Finishes


White (WH) | Silver Satin (SA) | Gun Metal Grey (MY) | Bronze (BZ) | Copper (CP)*

* Available in 15/16" suspension system only

EDGE DETAILS



1. 9/16" Lay-in (L9), 15/16" Lay-in (L5), Nail-up (NU - 24" x 48" only)
2. 9/16" Tegular (T9)
3. 15/16" Tegular (T5)

PERFORATION OPTIONS


Unperforated (B1)


Extra Microperforated (B3)
Hole size: 0.7mm (.028")

METALWORKS™ Tin

Lay-in, Tegular, and Nail-up
smooth texture

UP TO 25% STEEL 54% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

PATTERNS – STANDARD* (Cornice and accessory information on pg. 100-101)

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Dimensions (Inches)	Fire Rating	Light Reflect (White Only)	Wash	Scrub	Impact	Soil
					Durability			
METALWORKS™ Tin								
(L9) 9/16" Lay-in	**56001**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(L5) 15/16" Lay-in	**56002**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(T9) 9/16" Tegular	**56003**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(T5) 15/16" Tegular								
(NU) Nail Up†	**56004**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(L9) 9/16" Lay-in	**56005**_____**	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(L5) 15/16" Lay-in	**56006**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
(NU) Nail Up†	**56007**_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
	56008_____	24 x 24" 24 x 48" (Nail-up)	Class A	0.77	•	•	•	•
	56009_____	24 x 24" 24 x 48" (Nail-up**)	Class A	0.77	•	•	•	•
Coffers								
15/16" Lay-in	**6661B1L5**___	24 x 24" Coffer	Class A	0.77	•	•	•	•
	6662B1L5___	24 x 24" Coffer	Class A	0.77	•	•	•	•

◆ When specifying or ordering, include the appropriate 2-letter edge detail, 2-letter perforation, and 3-letter color suffix with the item number. For example: 56001B 1 L 9 T N A is item 56001 Unperforated 9/16" Lay-in Bare Steel. For Coffers items, include 3-letter color suffix only (TWH, TNA, TLS).

† Nail-up panel unperforated only

** Larger scale available as an option custom item 6577
NOTE: Field painting extra microperforated panels will affect acoustical performance.

ACOUSTICAL INFORMATION

Perforation	% Open Area	NRC
B1	0%	–
B3	1.5%	0.25 0.85* •

* NRC 0.85 with optional fiberglass infill (item 8200100) when using Lay-in or Tegular panels (not applicable for Nail-up).

EXAMPLE: **56001 B1 L9 TNA**

- 56001 — Panel Dimension/Type: 24" x 24"
- B1 — Perforation: Unperforated
- L9 — Edge Detail: Lay-in 9/16"
- TNA — Finish: Bare Steel

SUSPENSION SYSTEM (See pg. 279-280 for Prelude® XL® components. See pg. 287-288 for Suprafine® XL components.)

15/16"	Prelude XL
9/16"	Suprafine XL

ACCESSORIES

For accessories, including cornices, clips and perimeter trim, refer to pgs. 100-101.

PHYSICAL DATA

Material
Steel – thickness .010"
For Chrome and Copper panels:
Aluminum – thickness .020"

Surface Finish
Copper v–plated
Bare Steel – unfinished
White – factory-applied powder-coated finish
Lacquered Steel – factory-applied lacquered finish

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Class A per IBC.

ASTM E1264 Classification
Fire Class – Class A
Unperforated steel ceiling panels – Type XX, Pattern J, Z
Perforated steel ceiling panels – Type XX, Pattern C, J, Z

Design Considerations
As a result of the strain put on panels when they are embossed, you may find it necessary to use hold down clips (item 5600HDC) to keep the panels flat in the suspension system. Due to the natural characteristics of Lay-in and Tegular edges on this tin product, panels may not lay flush.

MetalWorks Tin panels are produced from steel or aluminum and are designed to emulate an antique-type visual. Periodic "wrinkles" or dents may cause panels to appear not to be flat; these characteristics add to the antique effect and are not considered manufacturing defects.

Bare Steel is unfinished and must be field-painted to prevent tarnishing over time. The Bare Steel finish may contain slight hairline markings that are visible at eye view, but are covered when painted. For customers who desire the look of natural steel, the Lacquered Steel finish is recommended. These panels are clear lacquered on both sides and come with plastic PVC to prevent scratching. See armstrong.com/tin for more details.

Recommended Suspension System
9/16" Suprafine® XL® suspension system
15/16" Prelude® XL suspension system

Warranty
Details at armstrong.com/warranty

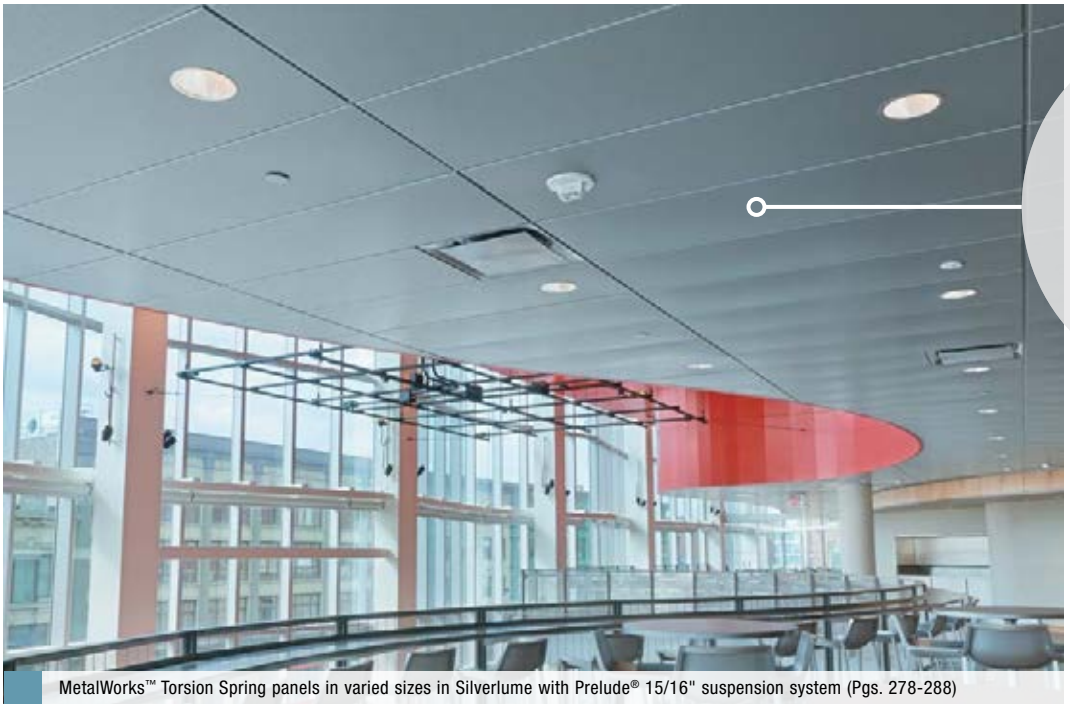
Weight
Steel – 0.45 lbs/SF
Coffers – 0.52 lbs/SF
Aluminum – 0.38 lbs/SF

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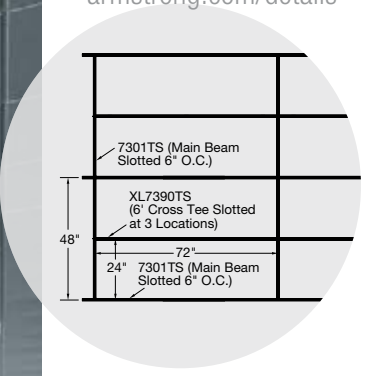
METALWORKS™ Torsion Spring
METALWORKS Torsion Spring Exterior

smooth texture

CAD/Revit® drawings at:
armstrong.com/details



MetalWorks™ Torsion Spring panels in varied sizes in Silverlume with Prelude® 15/16" suspension system (Pgs. 278-288)



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: metalworks torsion spring

Large-size concealed panels offer a monolithic visual with 100% downward accessibility.

KEY SELECTION ATTRIBUTES

- Choose from a variety of standard panel sizes that install with pre-slotted standard 15/16" suspension system
- Interior panels feature swing-down accessibility
- For exterior applications, choose from two standard panel sizes that install with 15/16" G90 suspension system
- Ceiltex finish is applied over the perforation to offer excellent acoustics and high light reflectance with the look of drywall
- Reflections™ laminate finishes provide superior wood-look visual with printed vinyl bonded to aluminum; visuals other than the ones shown are also available
- NRC values up to 0.90 with fiberglass infill panels (select perforation patterns)

COLOR SELECTION

Due to printing limitations, shade may vary from actual product.

MetalWorks Interior and Exterior



Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA)

Reflections Laminate Finishes Interior and Exterior



Natural Maple (LNMPIE) | Natural Oak (LNOIE)

Ceiltex Interior Only

Ceiltex (CLA)*

* Available in M20 perforation only. M20 is the M15 perforation covered with Ceiltex finish.

MetalWorks Interior Only



Brushalume (BAA) | Lacquer Mill (LMA) | Satin Anodized (SAA)

Reflections Laminate Finishes Interior Only



Arctic Maple (LAM) | Rock Maple (LRM) | Light Cherry (LLC) | Pecan (LPC)



Wild Cherry (LWC) | Mineral Forest (LMF) | Walnut (LWN)

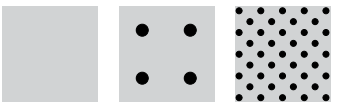


Custom Colors Available

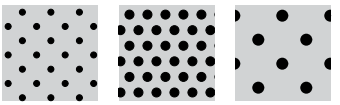
PERFORATION OPTIONS

(1:2 scale shown)

Painted and Laminate Perforations



M1 (Unperforated) | M14 (Rg 3205) | M15 (Rd 1612)



M16 (Rd 1607) | M17 (Rv 3223) | M18 (Rd 3210)



M19 (Rg 3220) | Custom Perforations Available

METALWORKS™ Torsion Spring
METALWORKS Torsion Spring Exterior

smooth texture

UP TO 90% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

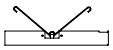
▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

ACOUSTICAL INFORMATION

Edge Profile	Item Number◆	Dimensions (Inches) Custom Sizes Available	Light Reflect	Springs per Panel
METALWORKS™ Torsion Spring Square with Acoustical Fleece				
Torsion Spring Square 15/16" 	**7209**_ _ _ _ _	24 x 24"	0.77 0.89* •	4
	7210_ _ _ _ _	24 x 48"	0.77 0.89* •	4
	7211_ _ _ _ _	24 x 72"	0.77 0.89* •	6
	7212_ _ _ _ _	24 x 96"	0.77 0.89* •	6
	7213_ _ _ _ _	30 x 30"	0.77 0.89* •	4
Exterior Panels				
new	**7225**_ _ _ _ _ _	24 x 24"	0.77** 0.61***	4
new	**7226**_ _ _ _ _ _	24 x 48"	0.77** 0.61***	4

Perforation	NRC with acoustical fleece** NRC	NRC with 1" fiberglass infill panel** NRC
M1†	–	–
M14†	0.55	0.85 •
M15†	0.70 •	0.90 •
M16†	0.70 •	0.80 •
M17†	0.75 •	0.90 •
M18†	0.65	0.85 •
M19†	0.75 •	0.90 •
M20 (Ceiltex only)	0.70 •	–

◆ When specifying or ordering, include the appropriate perforation and color suffix with the item number. (e.g., 7209 M 1 4 L M A) Light reflectance is for unperforated Whitelume. For Ceiltex, specify M20 perforation.

* Ceiltex light reflectance

** Unperforated Whitelume light reflectance

*** Perforated Whitelume light reflectance

** Maximum NRC achieved with acoustical infill (item 8200100 or 5823). For additional infill options, refer to the Acoustical Infill data page (CS-4172).

† Available for exterior applications

EXAMPLE: 7215 M14 LMA

Panel item: 7215

Perforation: M14 Round Straight Rg 3205

Finish: Lacquer Mill

ACCESSORIES

Item Number	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/ Carton
7125_ _ _◆	Box Molding (for Laminates, Black is recommended)	2 x 96 x 1.5"	WHA, SIA, MYA, SAA, LMA, BAA, BL	10
7147_ _ _◆	Torsion Spring Perimeter Trim (Extruded)	1 x 120 x 4"	WH, SG, MY, BL	6
7131_ _ _◆	Torsion Spring Perimeter Trim (Formed)	1 x 96 x 4.25"	LMA, BAA, SAA	6
7126	Spreader Hold Down	1 x 10-5/8 x 1-1/2"	N/A	10
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black	12
8200100	1" Fiberglass Infill Bag	24 x 24 x 1"	Black (Gloss)	12
7129	Torsion Spring Hook Access Tool	N/A	N/A	1
7130	Torsion Spring Suction Access Tool	N/A	N/A	1

SUSPENSION SYSTEMS

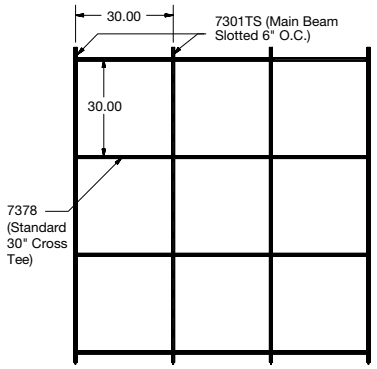
Item Number	Description	Dimensions (Inches)
15/16" Prelude® XL® Suspension System – Some items slotted for Torsion Spring. See below.		
7301TS	Prelude 12' HD Main Beam – slotted for Torsion Spring	144 x 15/16 x 1-11/16"
XL7341TS	Prelude 4' Cross Tee – slotted for Torsion Spring	48 x 15/16 x 1-11/16"
XL7390TS	Prelude 6' Cross Tee – slotted for Torsion Spring	72 x 15/16 x 1-11/16"
XL7378	Prelude 30" Cross Tee	30 x 15/16 x 1-11/16"
XL7328	Prelude 2' Cross Tee	24 x 15/16 x 1-11/16"
XL7341	Prelude 4' Cross Tee	48 x 15/16 x 1-11/16"
Exterior Suspension System		
15/16" Prelude XL – Some items slotted for Torsion Spring. See below.		
7301G90ATS	Prelude 12' HD Exterior Main Beam – slotted for Torsion Spring	144 x 15/16 x 1-11/16"
XL7341G90ATS	Prelude 4' Exterior Cross Tee – slotted for Torsion Spring	48 x 15/16 x 1-11/16"
XL7321G90A	Prelude 2' Exterior Cross Tee	24 x 15/16 x 1-11/16"

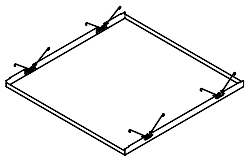
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METALWORKS™ Torsion Spring
METALWORKS Torsion Spring Exterior

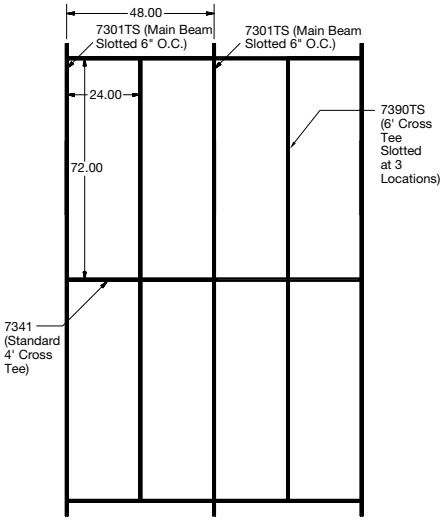
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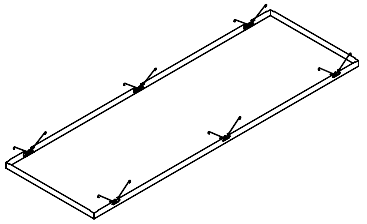
INTERIOR INSTALLATION DETAILS



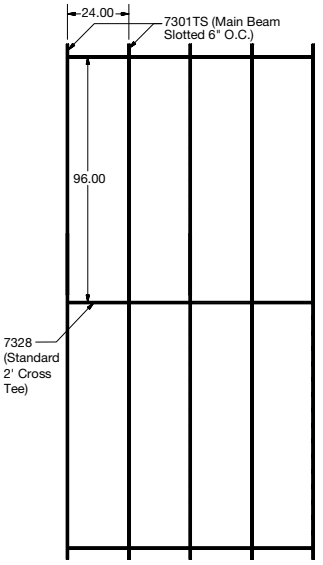


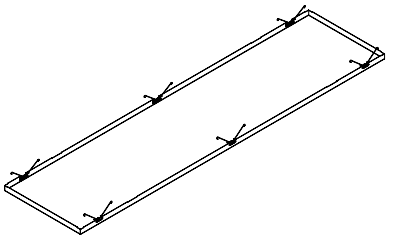
Suspension System Layout for 30" x 30" Panels



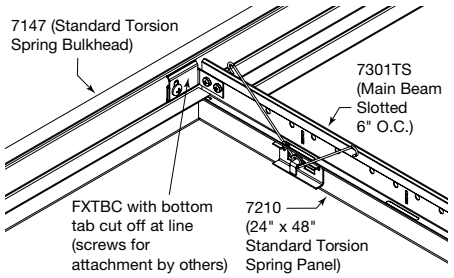


Suspension System Layout for 24" x 72" Panels





Suspension System Layout for 24" x 96" Panels



PHYSICAL DATA

Material
Aluminum – thickness 0.040"
Aluminum – thickness 0.050" (item 7226 only)

Surface Finish
Reflections™ laminates: Vinyl-faced membrane
Ceiltex: Acrylic latex paint on acoustically transparent membrane
Painted finishes: Factory-applied polyester paint
Custom colors and finishes available.

Fire Performance
Painted aluminum and Ceiltex finishes tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
Painted Aluminum finishes CAN/ULC S102 surface burning characteristics: Flame Spread Rating 0. Smoke Developed Classification 0.
Laminate finish tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

Acoustical Options
Perforated panels are supplied with a black fiberglass fleece to absorb sound.

Recycled Content
Minimum 25%. Up to 90% recycled content available.

Design Consideration
Anodized and Lacquer Mill finishes may vary in shade between production runs as well as over time. Sizes can be mixed and matched on non-perforated panels only.

30" x 30" panels have a directional finish that is perpendicular to the main beams; all other panel sizes have a directional finish that is parallel to the main beams.

MetalWorks™ steel and aluminum panels are made at different manufacturing facilities that use different paint systems. Because of this, similar colors, i.e., White and Whitelume, are not exact color matches. Please consider this when designing adjacent spaces with multiple MetalWorks products.

Wind Uplift Performance
24" x 24" and 24" x 48" panels noted as exterior on this document tested for wind uplift Classes 30, 60, and 90. Specific installation instructions to meet these classes are available. For more information, visit armstrong.com or contact TechLine at 1 877 ARMSTRONG.

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Seismic Restraint
MetalWorks Torsion Spring panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Weight
0.69 lbs/SF
0.86 lbs/SF (item 7226)

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METALWORKS™ Family – Trim and Accessories

TRIM
Required clips must be ordered separately, see pg. 100-101.

Item Number◆	Description	Dimensions (Inches) Nominal L x W x H	Colors	Pieces/ Carton
AX2VESTR_ _	Axiom® Classic Trim – 2" Straight	120 x 3/4 x 2"	WH, SG, MY, BL	–
AX4VESTR_ _	Axiom Classic Trim – 4" Straight	120 x 3/4 x 4"	WH, SG, MY, BL	–
AX6VESTR_ _	Axiom Classic Trim – 6" Straight	120 x 3/4 x 6"	WH, SG, MY, BL	–
5342 _ _ _ _	2" Effects™ Wood Looks Trim	Nominal 120" length	FXMP, FXCH, FXDC, FXWN	6
5344 _ _ _ _	4" Effects Wood Looks Trim	Nominal 120" length	FXMP, FXCH, FXDC, FXWN	6
5346 _ _ _ _	6" Effects Wood Looks Trim	Nominal 120" length	FXMP, FXCH, FXDC, FXWN	6
7125_ _ _	Box Molding (for Laminates, Black is recommended)	96 x 2 x 1-1/2"	WHA, SIA, MYA, SAA, LMA, BAA, BL	6
7126	Box Molding Spreader Hold Down	1 x 10-5/8 x 1-1/2"	–	10
7147_ _ _	Torsion Spring Perimeter Trim (Extruded)	120 x 1 x 4"	WH, SG, MY, BL	6
7131_ _ _	Torsion Spring Perimeter Trim (Formed)	96 x 1 x 4-1/4"	LMA, BAA, SAA	6
7800 _ _◆	144" Hemmed Angle Molding	–	–	30
7835 _ _◆	120" Hemmed Channel Molding	–	–	20
7835SC	Spreader Bar for Channel Molding	–	–	150
7870	Spring Border Clip	–	–	1000

◆ When specifying or ordering, include the appropriate 2-, 3-, or 4-letter color suffix with the item number (e.g., AXZVESTR W H, 7125 W H A, or 5342 F X C H).

NOTE: Effects Wood Looks Trim cartons include FXSPLICE plates and FXTBC clips.



For information on additional Axiom Perimeter Trim options and accessories see pgs. 301-321.

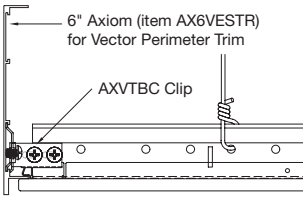
TRIM COLORS
(Custom colors and veneers available.)

White (WH)
Silver Grey (SG)
Gun Metal Grey (MY)
Black (BL)

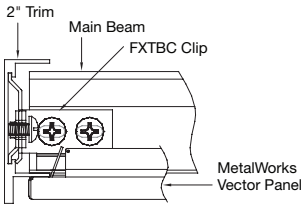
Effects Maple (FXMP)
Effects Cherry (FXCH)
Effects Dark Cherry (FXDC)
Effects Walnut (FXWN)
new Effects Oak (FXOK)
new Effects Walnut Espresso (FXWE)

Satin Anodized (SAA)
Lacquer Mill (LMA)
Brushalume (BAA)
Whitelume (WHA)
Silverlume (SIA)
Gun Metal (MYA)

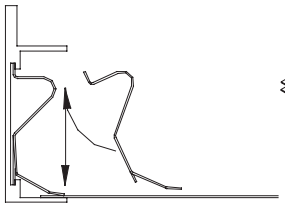
DETAIL



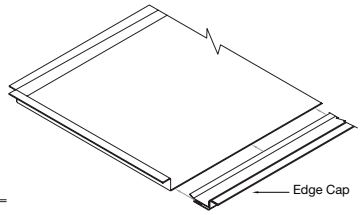
Axiom® Vector® Trim



Effects Trim



Effects Hold Down Clip (Item FXSPTHDC) for use with Cut MetalWorks™ Tegular and Vector® Panels



Edge Cap (Item 6096) Application for Cut MetalWorks Tegular and Vector® Panels

INFILL PANELS

Item Number	Description	Dimensions (Inches)	NRC	CAC	Colors	Pieces/ Carton
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	0.75	N/A	Beige	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	0.75	N/A	Black (Matte)	12
8200100	1" Fiberglass Infill Bag	24 x 24 x 1"	0.75	N/A	Black (Gloss)	12
1728BL	Fine Fissured™ Square Lay-in Panel	24 x 24 x 5/8"	0.55	33	Black	16
770	Cortega® Square Lay-in Panel	24 x 24 x 5/8"	0.55	33	White	8
747	Cortega® Square Lay-in Panel	24 x 28 x 5/8"	0.55	40	White	8
1713	School Zone® Fine Fissured™ Square Lay-in Panel	24 x 24 x 5/8"	0.70	35	White	12
1714	School Zone® Fine Fissured™ Square Lay-in Panel	24 x 48 x 5/8"	0.70	40	White	8

DETAILS



1. BioAcoustic Infill Panel – Beige
2. BioAcoustic Infill Panel – Black
3. 1" Fiberglass Infill Panel
4. Fine Fissured Square Lay-in Panel
5. Cortega Square Lay-in Panel

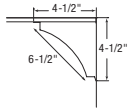
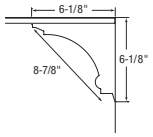
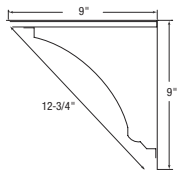
ACCESSORIES

Item Number	Description	Dimensions (Inches)	Colors	Pieces/ Carton
Panel Accessories				
6096 _ _◆	15/16" Edge Cap for Cut 5/16" Tegular Panels***	Nominal 24"	WH, SG, MY, BL	50
6099 _ _◆	9/16" Edge Cap for Cut 5/16" Tegular Panels***	Nominal 24"	WH, SG, MY, BL	50
6098 _ _◆	Vector® Edge Cap for Cut Panels	Nominal 24"	WH, SG, MY, BL	50
84008 _ _◆	Vector Single-Slot Air Diffuser	24 x 24"	WH, SG, MY, BL	1
Trim Accessories				
FXSPLICE	2" Splice Plate w/ Setscrews	–	N/A	10
FXS4PLICE	4" Splice Plate w/ Setscrews	–	N/A	10

Item Number	Description	Dimensions (Inches)	Colors	Pieces/ Carton
Trim Accessories (continued)				
FXSPTHDC	Effects™ Hold Down Clip for Cut Panel Installations	–	–	10
FHDC	Faceted Hold Down Clip	–	–	10
UHDC	Universal Hold Down Clip	–	–	1,000
FZUHDC	FastShip Universal Hold Down Clip	–	–	50
CHDC	Clear Hold Down Clip	–	–	50
FXTBC	Effects™ T-Bar Connector Clip	–	N/A	10
FXVTBC	Effects™ Vector T-Bar Connector Clip	–	–	10

◆ When specifying or ordering, include the appropriate 2-letter color suffix with the item number (e.g., 6096 M Y).
*** End caps in White, Silver Grey, Gun Metal Grey, and Black (for Effects finishes) only.

CORNICES – STANDARD FOR USE WITH METALWORKS™ TIN (Nail-up panels only)

Item Number◆	Description	Dimensions (Inches)	Color	Pieces/Carton		
56051_ _ _	Corner Molding	1-1/2 x 2-1/8 x 48"	See below	–		
56053_ _ _	Corner Molding	1-7/8 x 1-7/8 x 48"	See below	–		
56052_ _ _	Corner Molding	3 x 3 x 48"	See below	–		
56054_ _ _	Corner Molding	4-1/2 x 4-1/2 x 48"	See below	–		
56055_ _ _	Corner Molding	6-1/8 x 6-1/8 x 48"	See below	–		
56056_ _ _	Corner Molding	9 x 9 x 48"	See below	–		
5600_ _ _	Conehead Nails (installs up to 200 SF per carton)	1-1/4"	See below	–		
5600HDC	Tin Hold Down Clips	–	–	200		

◆ When specifying or ordering, include the appropriate 3-letter color suffix with the item number (e.g., 56051T A M)

CORNICES COLORS

White (TWH)
Bare Steel (TNA)
Lacquered Steel (TLS)
Copper (TCP)

ACCESSORIES COLORS

White (WH)
Silver Grey (SG)
Gun Metal Grey (MY)
Black (BL)



custom metal capabilities

CASE STUDY

PROJECT: John Wayne Airport

LOCATION: Santa Ana, CA

PRODUCT: MetalWorks™ Torsion Spring Custom Curved Ceilings

ARCHITECT: Gensler, Los Angeles, CA

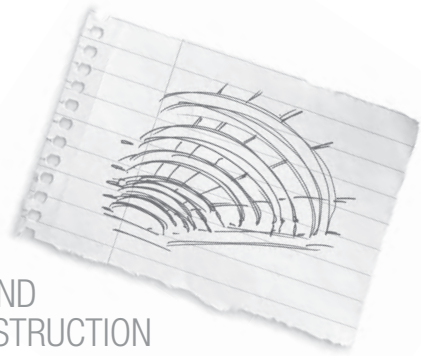
THE CHALLENGE:

For this new 282,000-square-foot extension of the existing John Wayne Airport terminal, the Gensler design team wanted to architecturally draw from the features that make the existing terminal distinctive, including its barrel vault ceilings.

THE SOLUTION:

Over 80,000 square feet of Armstrong® MetalWorks™ Torsion Spring Custom Curved Ceiling planks were used to help replicate the visual feel of the existing terminal in the main entrance check-in area, concourse area, and baggage claim area of the new terminal.

The design featured 30" x 82" perforated planks with a custom Cream Weave finish, backed with fiberglass infill panels to provide acoustical control in these strategic areas.



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METALWORKS™ DH700 – Flat & Faceted

smooth texture

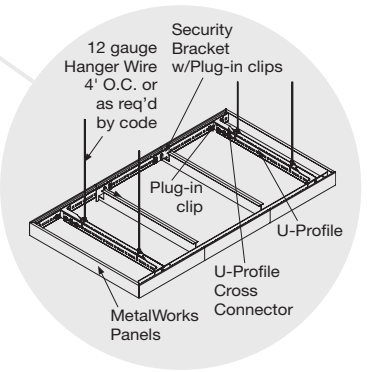
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MetalWorks™ RH700 Custom Ceiling System Faceted Microperforated in custom colors

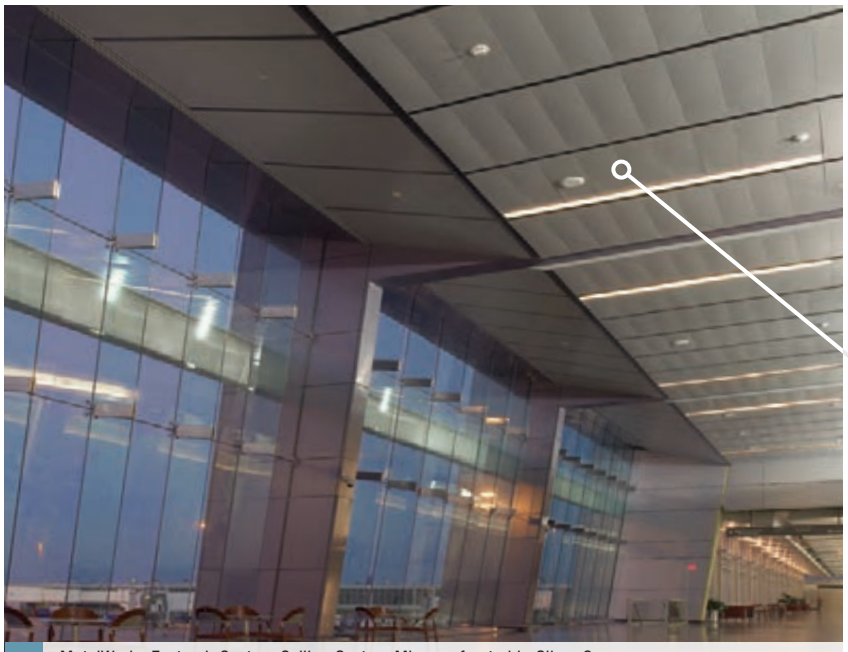
KEY SELECTION ATTRIBUTES

- Concealed suspension ideal for cloud applications
- Accessible system utilizes U-profile and hook-on panels
- Panel length or width up to 120" dimension
- Wide variety of perforations and colors
- Curved suspension system available



METALWORKS™ Fastrack

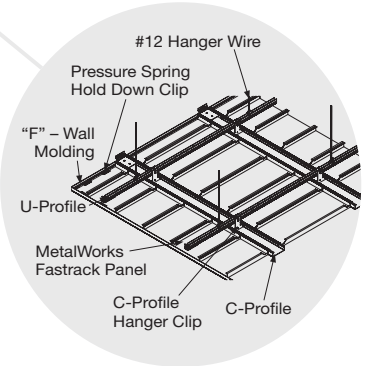
smooth texture



MetalWorks Fastrack Custom Ceiling System Microperforated in Silver Grey

KEY SELECTION ATTRIBUTES

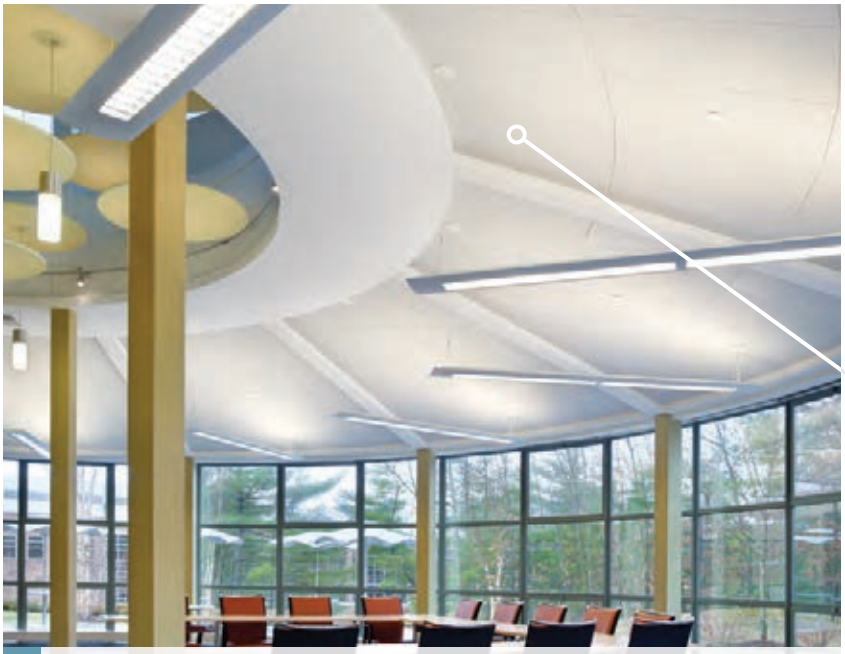
- Fast and easy-to-install exposed linear suspension system
- Modular system for easy lighting design and flexibility
- Fully accessible panels, minimal suspension system obstructions
- Swing-down panel options available
- C-profile widths from 4" up to 12"
- Color and surface is identical on visible suspension and infills
- Seismic approved



METALWORKS™ Radial

smooth texture

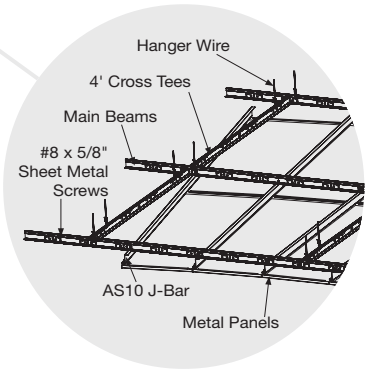
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MetalWorks™ Radial RH200 Custom Ceiling System with Rd 1522 perforation in Silver Grey

KEY SELECTION ATTRIBUTES

- Trapezoidal panels create radial effect
- System typically utilizes the RH200 J-Bar and RH215 suspension systems
- 100% downward accessible
- NRC 0.65 – 0.90 available for perforated panels
- Seismic approved
- Radial systems also available in custom WoodWorks® (page 139) and custom Optima® fiberglass panels (pages 247-248)



METALWORKS™ RH200 – Interior & Exterior

smooth texture



MetalWorks RH200 Custom Ceilings and Custom Metal Walls, unperforated and with RV 2532 perforation in Custom RAL 9010

KEY SELECTION ATTRIBUTES

- 100% downward accessible without tools
- Available in steel and aluminum
- 3mm reveal joint detail with a variety of perimeter options
- Curved metal panels can be convex or concave (interior only)
- Factory cutouts available
- Seismic approved



MetalWorks RH200 Custom Curved Ceiling System extra microperforated in White (interior use only)

METALWORKS™ RH215 – Flat & Faceted

smooth texture

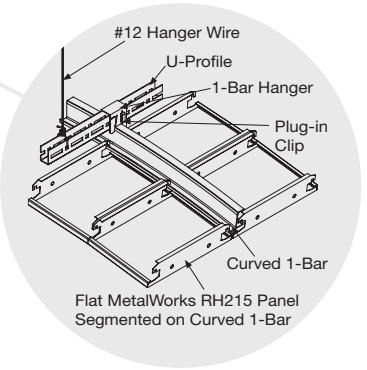
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MetalWorks™ RH215 Custom Ceiling System with Rd 1522 perforation in Custom RAL 7024 finish

KEY SELECTION ATTRIBUTES

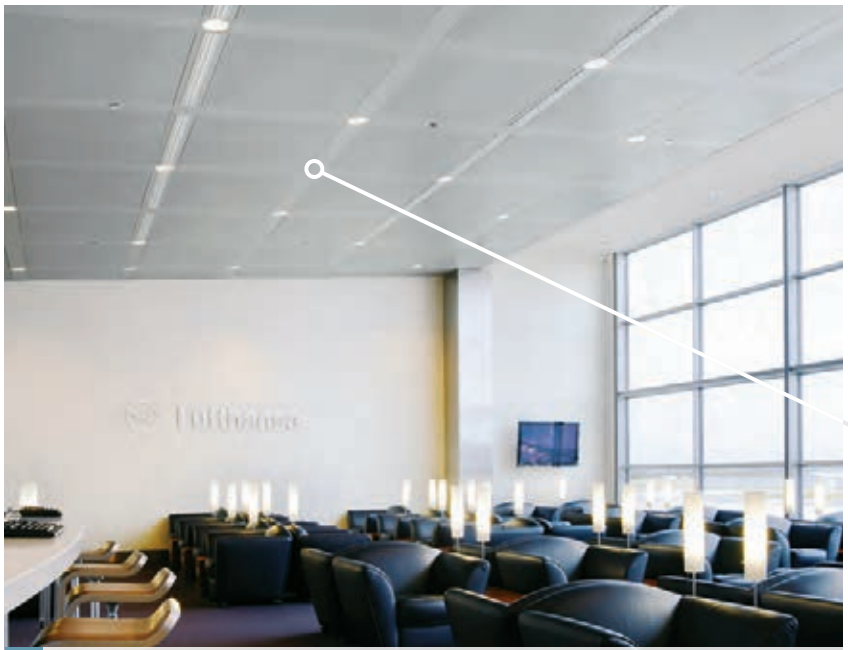
- Cost-effective solution for a curved look with flat panels faceted on a curved suspension system
- Utilizes a curved 1-Bar suspension system with rectangular hook-on (RH) panels
- Downward accessible without tools
- Typical panel dimensions range from 9" – 24" wide and up to 96" long
- Seismic approved



Flat MetalWorks RH215 Panel Segmented on Curved 1-Bar

METALWORKS™ Tartan

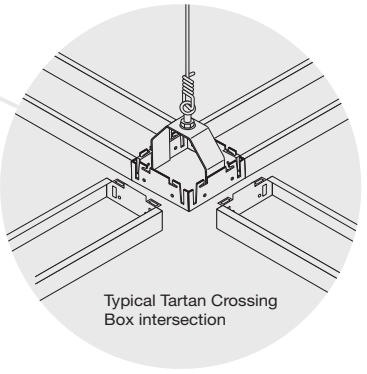
smooth texture



MetalWorks Tartan Custom Ceiling System in Silver Grey

KEY SELECTION ATTRIBUTES

- Modular system offers easy integration of lighting, HVAC, and sprinklers
- Hook-on suspension based on crossing boxes and C-profiles
- Available in 4", 6", 8", and 12" widths
- Factory-cut openings in crossing boxes are ideal installation points for a variety of elements
- Tartan modules may be filled with rectangular, trapezoidal, or square panels
- Color and surface is identical on visible suspension system and infills
- Seismic approved



Typical Tartan Crossing Box intersection

METALWORKS™ TorsionSpan™

smooth texture



Mitered 90-degree corner in MetalWorks™ TorsionSpan™ in Whitelume

KEY SELECTION ATTRIBUTES

- Large panels span the entire length of the corridor
- Monolithic visual with 100% swing-down accessibility
- 24" wide panels with custom lengths up to 120"
- Multiple design options for turning 90-degree corners
- Unique installation reduces wires required to support the suspension system

METALWORKS™ Torsion Spring – Flat & Curved

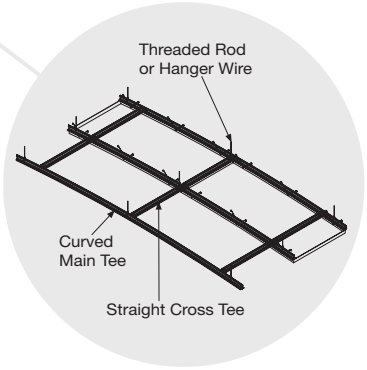
smooth texture



MetalWorks Torsion Spring, Custom Curved Panels in Whitelume

KEY SELECTION ATTRIBUTES

- 100% downward accessible
- Butt edge detail; reveal and center scoring options available
- Custom size capabilities ranging from a minimum 12" width up to 120" length
- Cutouts for recessed lights and sprinklers available
- Wide variety of perforations and color options



You Can Use WoodWorks® Ceilings to Enhance Design and Acoustical Performance

Perforated wood ceilings can provide sound absorption with the addition of mineral fiber or acoustical fleece backing.

Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

A continuous WoodWorks® ceiling with a W4 perforation and acoustical infill panel provides sound absorption (NRC 0.65), reducing reverberation by 83%. See example below.

NRC

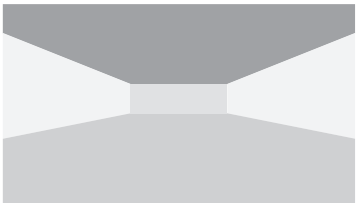
Noise Reduction Coefficient (NRC)

A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. A ceiling system with an NRC < 0.50 is considered low performance, whereas one with NRC > 0.70 is considered high performance.

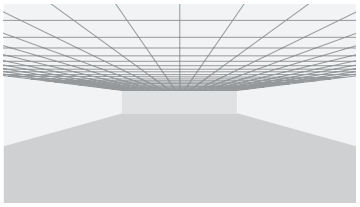


Example:

Exposed Structure



Continuous Ceiling



5,000 SF Exposed Structure (50' x 100'), 15' to deck, drywall with windows on two sides, commercial carpet	**No Treatment (0% Coverage)**	**Continuous WoodWorks Ceiling with W4 Perforation and acoustical infill**
Ceiling	**Exposed Structure**	**Suspended 60" Below Deck**
NRC	0	0.65
Reverberation Time (RT)	3.4 sec	0.6 sec
RT Improvement	ref	83%
SPL Reduction (dB)	ref	-5.0

For definitions of acoustical terms, see pages 359-360 in this catalog.



WoodWorks® Linear Faceted System in Natural Variations™
Light Cherry; Lebanon Valley College Blair Hall, Annville, PA
TONO Architects, LLC, Lancaster, PA

woodworks

WOODWORKS® Standard Ceilings
At-a-Glance

WOODWORKS® STANDARD CEILINGS



WoodWorks® Tegular pgs. 115-116



WoodWorks® Vector® pgs. 115-116



WoodWorks Channeled Tegular pgs. 117-118



WoodWorks Channeled Vector pgs. 117-118



WoodWorks Channeled Plank pgs. 119-120



WoodWorks Concealed pgs. 121-122



WoodWorks Grille Backer & Dowel pgs. 123-124



WoodWorks Grille Tegular pgs. 125-126



WoodWorks Linear Panels pgs. 127-130



WoodWorks Linear Planks pgs. 131-132



WoodWorks Open Cell pgs. 133-134



WoodWorks Canopies pg. 49
(Featured in Clouds & Canopies)

CUSTOM CEILINGS



WoodWorks® Access™ Flat Systems pgs. 138-139



WoodWorks Access Curved Systems pgs. 138-139



WoodWorks Radial Systems pg. 139



WoodWorks Custom Canopies pg. 49
(Featured in Clouds & Canopies)

WOODWORKS® Custom Walls & Ceilings
At-a-Glance

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WOODWORKS® CUSTOMIZATION



WoodWorks Channeled pgs. 117-118



WoodWorks Grille Backer & Dowel pgs. 123-124



WoodWorks Linear panels pgs. 127-132



Custom Printed Wood Looks pgs. 175-177
(Featured in Mineral Fiber Ceilings)

WOODWORKS CEILING-TO-WALL TRANSITIONS



WoodWorks Walls pgs. 343-344
(Featured in Walls)



WoodWorks® Ekos® Wall System pg. 347
(Featured in Walls)



WoodWorks Channeled Wall Planks pgs. 345-346
(Featured in Walls)



WoodWorks Custom Walls pg. 352
(Featured in Walls)



WoodWorks Grille Wall-to-Ceiling pgs. 123-125



WoodWorks Linear Planks Wall-to-Ceiling pgs. 127-132

ICON KEY

Icons are used throughout the catalog to help you quickly identify key products with high level of performance.

High Acoustics

Acoustical options available.

Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

Product has CAC (Ceiling Attenuation Class) of 35 or higher.

Fire Performance
Class A

Seismic

Category D, E & F

High Durability
Washability

Offers superior wash resistance without compromising panel finish integrity.

Scrubbability

Product is scrubbable. See specific info on product page. Can withstand up to 150 scrub cycles.

Impact Resistance

Excellent resistance to surface impact.

Soil Resistance

Excellent resistance to dirt and/or grease for lasting value and performance.

Plenum Access

Downward access for panels minimizes panel damage.

Color Availability

Available in color.

WOODWORKS® Standard Ceilings

Standard Finishes

WOODLOOKS ON METAL CEILINGS



MetalWorks™ Vector® Faceted in Effects™ Cherry pgs. 115-116



MetalWorks™ Tegular in Effects Cherry pgs. 115-116



MetalWorks™ Linear Faceted in Effects Cherry pgs. 127-132



MetalWorks Vector in Custom Formations in Effects Cherry pgs. 115-116



MetalWorks Linear in Effects Dark Cherry pgs. 127-132



MetalWorks Vector Faceted in Effects Dark Cherry pgs. 115-116



MetalWorks Vector in Effects Maple pgs. 115-116



MetalWorks Vector in Effects Light Cherry pgs. 115-116



MetalWorks Linear in Effects Light Cherry pgs. 127-132

WOODWORKS® Standard Ceilings

Standard Finishes

COMPOSITE WOOD PANEL VENEERS

Natural Variations™ (Real Wood Veneers)



Beech (NBE) | Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)

Constants™ (Real Wood Veneers)

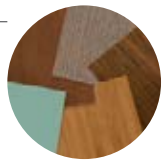


Maple (CMA) | Cherry (CCY) | Walnut (CWA) | Redux Wood Wheat (CRW)

Bamboo** (Rapidly Renewable)



Patina (BAP) | Native (BAN)



Custom Finishes Available



Walnut (NWN) | Oak (NOK) | Walnut Espresso (NWE)

Images™ Finishes (High Quality Printed Finishes)



Maple (PMP) | Light Cherry (PLC) | Dark Cherry (PDC)



Custom Perforations Available

** Veneer is rapidly renewable. Bamboo is a grass that requires 3-7 years for maturity and does not have to be replaced after each harvest

Custom veneers are available on the following standard WoodWorks products:
- WoodWorks Concealed
- WoodWorks Tegular
- WoodWorks® Vector®
- WoodWorks Channeled
- WoodWorks Linear

NOTE: WoodWorks custom panels can be made from any standard WoodWorks veneer.

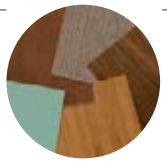
COMPOSITE WOOD PANELS

	Concealed	Tegular	Vector®	Channeled	Linear	Linear Panels
Real Wood Veneers						
NATURAL VARIATIONS						
Beech	✔	✔	✔		✔	✔
Maple	✔	✔	✔	✔	✔	✔
Light Cherry	✔	✔	✔	✔	✔	✔
Dark Cherry	✔	✔	✔	✔	✔	✔
new Walnut	✔	✔	✔		✔	✔
new Oak	✔	✔	✔		✔	✔
new Walnut Espresso	✔	✔	✔		✔	✔
CONSTANTS						
Maple	✔	✔	✔		✔	✔
Cherry	✔	✔	✔		✔	✔
Walnut	✔	✔	✔		✔	✔
new Redux Wheat	✔	✔	✔		✔	✔
BAMBOO						
Patina	✔	✔	✔		✔	✔
Native	✔	✔	✔		✔	✔
Images™ Printed Finishes						
Maple				✔		
Light Cherry				✔		
Dark Cherry				✔		

SOLID WOOD PANEL FINISHES



Grille Maple (GMP) | Grille Light Cherry (GLC) | Grille Dark Cherry (GDC) | Grille Walnut (GWN) | Grille White (GWH)



Custom Finishes Available

SOLID WOOD PANELS

	Grille	Grille Tegular	Linear Planks	Open Cell
Grille Maple	✔	✔	✔	✔
Grille Light Cherry	✔	✔	✔	✔
Grille Dark Cherry	✔	✔	✔	✔
Grille Walnut	✔	✔	✔	✔
Grille White	✔	✔	✔	✔

WOODWORKS® Ceilings
Standard Perforations

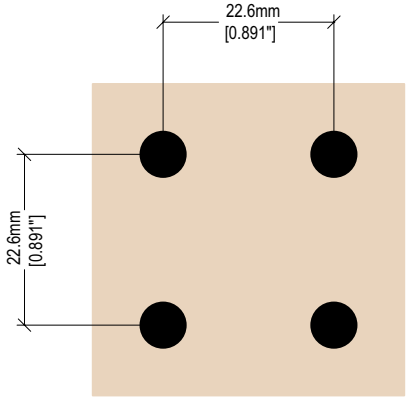
Key for Perforation Names (Example – Rg 6006)

R	Hole shape (R = round / Q = square / L = oval / T = trapezoid)
g	Pattern (g = straight / d = diagonal / v = staggered)
60	Diameter of hole size in mm (Example – 6 mm)
06	% open area

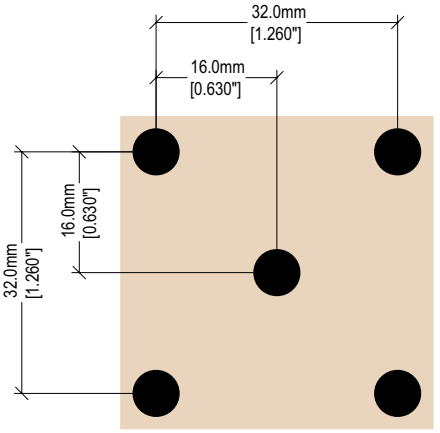
COMPOSITE WOOD PERFORATIONS – CONCEALED, TEGULAR & VECTOR®

Standard Perforations Actual 1:1 scale shown unless otherwise noted.

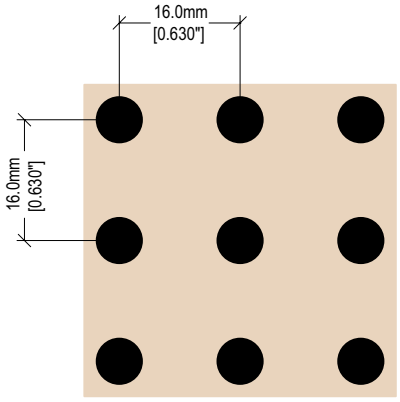
W1
Type: Unperforated
Hole Size: 0mm [0"]
% Open Area: 0%



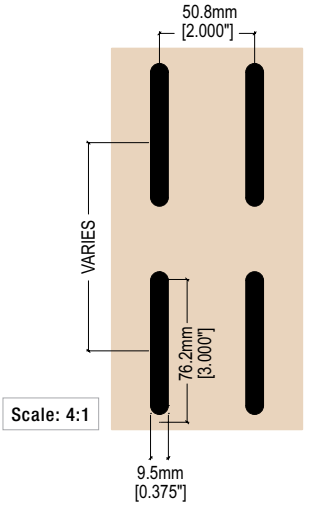
W2 (Rg 6006)
Type: Round Straight
Hole Size: 6.0mm [.236"]
% Open Area: 6.0%



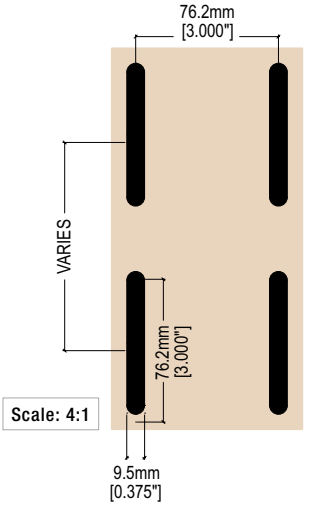
W3 (Rd 6006)
Type: Round Diagonal
Hole Size: 6.0mm [.236"]
% Open Area: 6.0%



W4 (Rg 6011)
Type: Round Straight
Hole Size: 6.0mm [.236"]
% Open Area: 11.0%

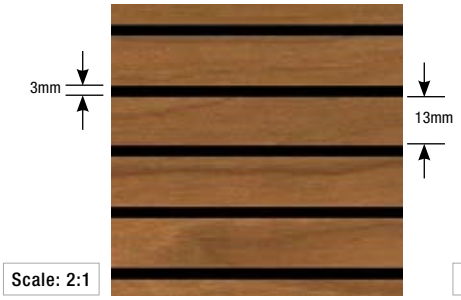


W5 (Lg 9512)
Type: Oval Straight
Hole Size: 76.2mm x 9.5mm [3.0" x .375"]
% Open Area: Varies



W6 (Lg 9508)
Type: Oval Straight
Hole Size: 76.2mm x 9.5mm [3.0" x .375"]
% Open Area: Varies

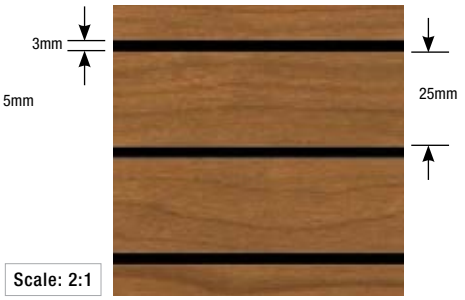
COMPOSITE WOOD PERFORATIONS – CHANNELED



W7
Type: Channeled
Groove Size: 13mm profile with 3mm groove



W8*
Type: Channeled
Groove Size: 5mm profile with 3mm groove



W9
Type: Channeled
Groove Size: 25mm profile with 3mm groove

* Not available in Images™ Finishes

WOODWORKS® Upgrade Ceiling Options

Take our standard WoodWorks® products in standard sizes, and make them distinctively yours by choosing from a variety of custom veneers (including FSC®-certified options) and/or perforations.

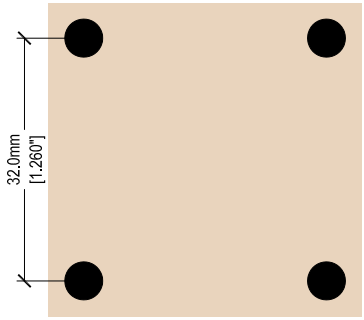
CUSTOM VENEERS (PARTIAL LIST)

In addition to standard veneers, custom veneers and continuous upturn options are available on many WoodWorks products. The following is a representation of some custom veneers used on recent projects. Veneer management is available to provide many other custom veneer options, and to coordinate with millwork or other interior finishes.

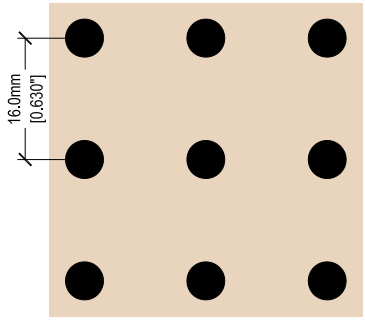


African Mahogany Quartered | Anigre Quartered Figured | Anigre Quartered | Black Walnut Quartered | Cherry Plain Sliced | Sapele Plain Sliced | Sapele Quartered | Teak Quartered | Walnut Quartered | White Oak Plain Sliced | Cherry Quartered | Makore Plain Sliced

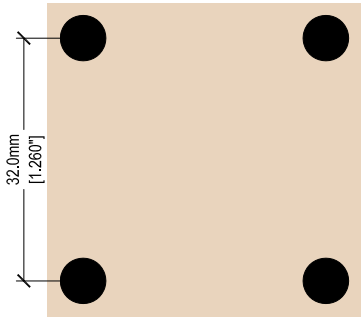
CUSTOM PERFORATIONS Actual 1:1 scale shown



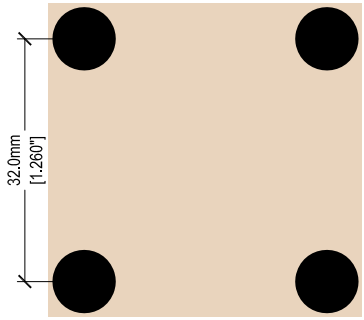
Rg 5002
Type: Round Straight
Hole Size: 5.0mm [.197"]
% Open Area: 2.0%



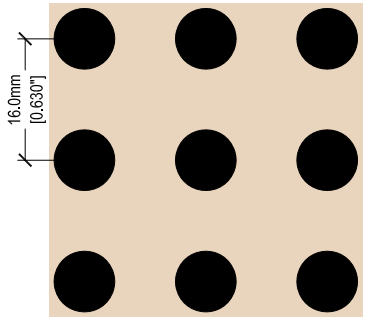
Rg 5008
Type: Round Straight
Hole Size: 5.0mm [.197"]
% Open Area: 8.0%



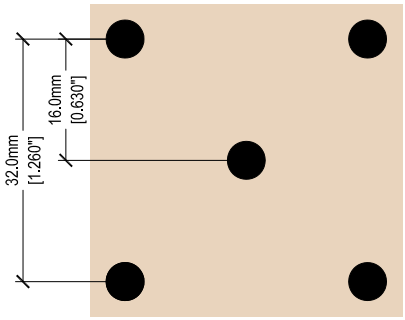
Rg 6003
Type: Round Straight
Hole Size: 6.0mm [.236"]
% Open Area: 3.0%



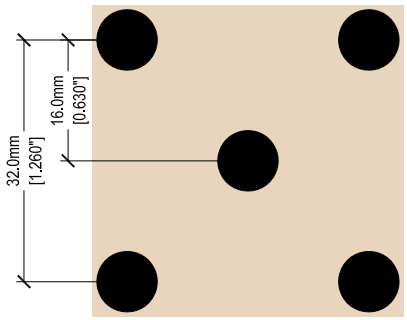
Rg 8005
Type: Round Straight
Hole Size: 8.0mm [.315"]
% Open Area: 5.0%



Rg 8020
Type: Round Straight
Hole Size: 8.0mm [.315"]
% Open Area: 20.0%

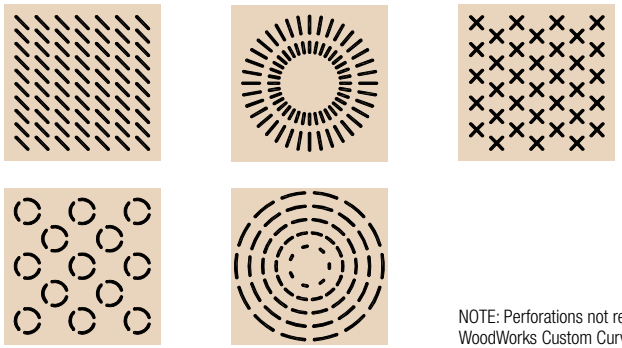


Rd 5004
Type: Round Diagonal
Hole Size: 5.0mm [.197"]
% Open Area: 4.0%



Rd 8010
Type: Round Diagonal
Hole Size: 8.0mm [.315"]
% Open Area: 10.0%

CUSTOM PERFORATION CAPABILITIES Examples represent visual on a 24" x 24" panel



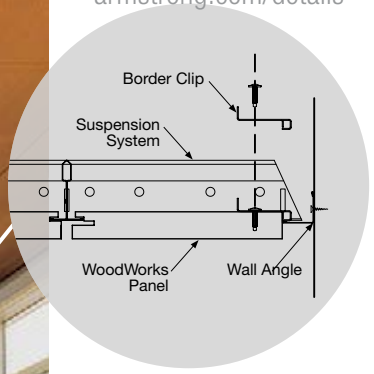
NOTE: Perforations not recommended for WoodWorks Custom Curved panels

WOODWORKS®

Tegular and Vector®

CAD/Revit® drawings at:
armstrong.com/details





WoodWorks® Vector® panels – Rg 5008 Perforation in Custom White Oak Rift with Prelude® XL® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks tegular
woodworks vector

Fully accessible wood panels are available in multiple options for acoustical and aesthetic needs.

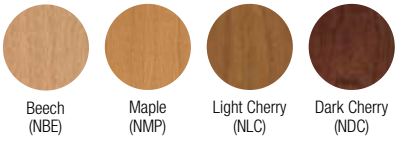
KEY SELECTION ATTRIBUTES

- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Create upturns for continuous visuals and clouds with WoodWorks Trim (see pages 135-136 for trim options)
- Coordinating WoodWorks walls available (see pages 341-342 for wall offering)
- 18" x 18" Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrong.com/metaphors
- Installation with minimum plenum clearance (Vector)
- Shorter lead times and lower cost than custom millwork

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™
(Real Wood Veneers)



Beech (NBE) | Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)



Walnut (NWN) | Oak (NOK) | Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)



Maple (CMA) | Cherry (CCY) | Walnut (CWA) | Redux Wood Wheat (CRW)

Bamboo**



Patina (BAP) | Native (BAN)

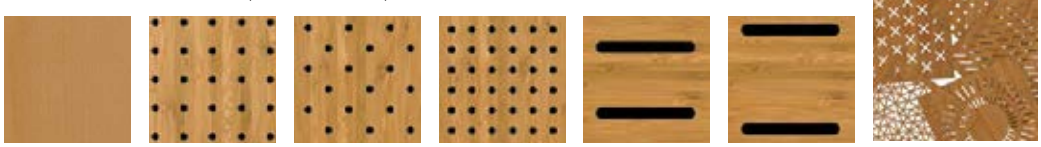


Custom Veneers Available

** Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

PERFORMANCE OPTIONS

(Actual 1:6 scale shown)



W1 (Unperforated) | W2 – Rg 6006 (Round Straight) | W3 – Rd 6006 (Round Diagonal) | W4 – Rg 6011 (Round Straight) | W5 – Lg 9512 (Oval Straight Slotted) | W6 – Lg 9508 (Oval Straight Slotted) | Custom Perforations Available

NOTE: Slotted perforations run parallel to the length of the panel. To view more perforation information and build swatches in real time, visit armstrong.com/swatchit

WOODWORKS®

Tegular and Vector®

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

UP TO 92% RECYCLED CONTENT

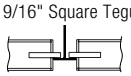
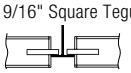
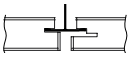
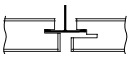
Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓	✓		✓	✓	✓	✓		✓		✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Perforations	Fire Rating
WOODWORKS® Tegular					
9/16" Square Tegular 	**5404**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
FSC®-certified WOODWORKS Tegular					
9/16" Square Tegular 	**5406**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
	6484_ _ _ _ _	12 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6485_ _ _ _ _	12 x 72 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6486_ _ _ _ _◆◆	24 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6487_ _ _ _ _◆◆	24 x 72 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6510_ _ _ _ _	24 x 42 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6511_ _ _ _ _	30 x 30 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
	6512_ _ _ _ _	27 x 30 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
WOODWORKS® Vector®†					
15/16" Vector – 1/4" Reveal 	**5401**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
FSC-certified WOODWORKS Vector†					
15/16" Vector – 1/4" Reveal 	**5403**_ _ _ _ _	24 x 24 x 3/4"	□	W1, W2, W3, W4, W5, W6	Class A
	6480_ _ _ _ _	12 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A
	6482_ _ _ _ _	24 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A

† U.S. Patents 5,417,025; 5,253,463; 5,355,646

◆ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 ARMSTRONG.

◆◆ 24" x 48" and 24" x 72" Tegular panels are available standard with fleece attached. Fleece on other panels must be specified.

NOTE: Cartons for items 6485 and 6487 (12" x 72" and 24" x 72" series) include suspension system stabilizer hooks. Items 6510, 6511, and 6512 are available in limited standard finishes and perforation options. See TechZone® ceiling systems (pages 251-257) for more details.

PERFORMANCE

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation	NRC** (24" x 48" and 24" x 72" sizes)	NRC** (all other sizes)	CAC**
	NRC	NRC	CAC
W1	N/A	N/A	38 ●
W2	0.50	0.40	28
W3	0.50	0.40	28
W4	0.70 ●	0.65	28
W5	0.55	0.55	28
W6	0.45	0.40	28

** Maximum NRC achieved with acoustical infill (item 8200100 or 5479). When infill is used, CAC is 28. For additional infill options, refer to the Acoustical Infill Panels data page (BPCS-4172).

EXAMPLE: **5406 W2 NLC**

- 5406: Panel Dimension/Type: 24" x 24" FSC-certified
- W2: Perforation: W2 Round Straight Rg 6006
- NLC: Finish: Natural Variations Light Cherry

SUSPENSION SYSTEMS

15/16" Vector: Prelude®

9/16" Tegular: Silhouette®, Suprafine®, Interlude® XL® HRC, Sonata® XL®

Prelude and Suprafine are available in many standard colors. All other suspension systems are available in standard White only. Other colors available as special order.

ACCESSORIES

Accessories, trim, and acoustical infill panels are available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
Fire-retardant particle board with face-cut veneers; FSC certified fire-retardant particle board with face-cut veneers (SW-COC-003601). For more information about FSC certified fire-retardant products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics, HPVA Certified with audit program per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Primary (Embodied) Energy
See all LCA information on our EPD's.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Design Considerations
Different panel sizes should not be installed together. Perforated panel borders will vary (length and width) based on perforation selection and panel size. Do not mix perforations on the same installation.

Vector safety clips included with panels may be visible through panel perforations.

Specification Consideration
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Installation Consideration for Tegular Panels
Due to panel weight, 24" x 48" and 24" x 72" panels require that the suspension system be attached to the back with safety cables attached. 12" x 72" and 24" x 72" panels require the use of suspension system stabilizer clips (which are included in the cartons).

Seismic Restraint
WoodWorks Tegular and Vector Solid Wood Panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
Panels – 2.75 lbs/SF
64 SF minimum order quantity;

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/woodworks
(search: woodworks tegular -or- woodworks vector)
BPCS-5103-815

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WOODWORKS® Channeled

Tegular and Vector® Panels



WoodWorks® Channeled panels with W9 perforation in Natural Variations™ Maple

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks channeled

These FSC certified ceiling panels are available in rich, real wood veneers or economical wood-look visuals.

ADDITIONAL ATTRIBUTES

- Real wood veneers or Images™ high-quality printed visuals
- Create a continuous ceiling, cloud, or ceiling-to-wall transition
- Acoustical backing improves sound quality
- Shorter lead times and lower costs than custom millwork
- Class A fire performance

Natural Variations Finishes

- FSC® chain of custody (CoC) certified WoodWorks products represent responsible production and consumption practices from the forest to the consumer
- 100% Biobased content (see page 120)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

Images Finishes

- Larger Tegular and Vector® panel sizes – 24" x 48", 12" x 48", and 30" x 30" for even more design flexibility
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations (Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)



Custom Veneers Available

IMAGES™ FINISHES

(High Quality Printed Finishes)



Maple (PMP) | Light Cherry (PLC) | Dark Cherry (PDC)

VENEER PERFORATION OPTIONS

(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



W8 (5mm profile with 3mm groove)



W9 (25mm profile with 3mm groove)

IMAGES PERFORATION OPTIONS

(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



W9 (25mm profile with 3mm groove)

WOODWORKS® Channeled
Tegular and Vector® Panels

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

*Images™ products are not FSC or Rainforest Alliance Certified

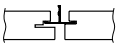
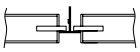
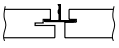
92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; FSC (for wood); recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Perforations	Fire Rating
FSC® certified WOODWORKS Channeled Tegular Perforated with Acoustical Fleece					
9/16" Tegular 	**5904** _ _ _ _ _	24 x 24 x 3/4"	□	W7, W8, W9	Class A
FSC certified WOODWORKS Channeled Vector Perforated with Acoustical Fleece					
1/4" Reveal with 15/16" Vector 	**5903** _ _ _ _ _	24 x 24 x 3/4"	□	W7, W8, W9	Class A
					Class A
WOODWORKS® Channeled Tegular printed images Perforated with Acoustical Fleece					
9/16" Tegular 	**6683** _ _ _ _ _	24 x 24 x 11/16"	□	W7, W9	Class A
	6681 _ _ _ _ _	12 x 48 x 11/16"	▭	W7, W9	Class A
	6685 _ _ _ _ _	24 x 48 x 11/16"	▭	W7, W9	Class A
	6687 _ _ _ _ _	30 x 30 x 11/16"	□	W7, W9	Class A
WOODWORKS® Channeled Vector® Printed Images Perforated with Acoustical Fleece					
1/4" Reveal with 15/16" Vector 	**6682** _ _ _ _ _	24 x 24 x 11/16"	□	W7, W9	Class A
	6680 _ _ _ _ _	12 x 48 x 11/16"	▭	W7, W9	Class A
	6684 _ _ _ _ _	24 x 48 x 11/16"	▭	W7, W9	Class A
	6686 _ _ _ _ _	30 x 30 x 11/16"	□	W7, W9	Class A

◆ When specifying or ordering, include the appropriate 2-letter perforation suffix and the color suffix (e.g., 6683W 7 P M P.)

PERFORMANCE

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation	NRC panels	NRC planks
W7	0.65 0.80† •	0.75 0.95† •
W8	0.65 0.80† •	0.75 0.95† •
W9	0.65 0.80† •	0.75 0.95† •

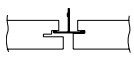
† NRC when installed with acoustical infill (item 8200100 or 5479)

6683 W7 PMP

EXAMPLE:

- Panel Dimension/Type: 24" x 24" Tegular
- Perforation: W7 13mm
- Finish: Images Maple

SUSPENSION SYSTEMS

15/16" Vector 

9/16" Tegular 

Prelude® | Silhouette® | Suprafine® | Interlude® XL® HRC | Sonata® XL®

Prelude and Suprafine suspension systems are available in many standard colors. All other suspension systems are available in standard White only. Other colors available as special order.

ACCESSORIES

Natural Variations™ and Images™ finishes are designed to coordinate with each other. Trim and infill panels are available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
FSC certified fire-retardant medium-density fiberboard with face-cut veneers (SW-COC-003601). For more information about FSC certified products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Specification Consideration
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint
WoodWorks Channeled Wood Panels have been engineered, tested, and approved in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details in the back of this catalog.

Panel Weight
2.2 lbs/SF (Bulk packaged)

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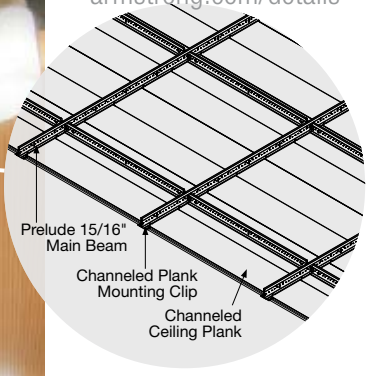
WOODWORKS® Channeled

Planks



WoodWorks® Channeled plank with W9 perforation in Natural Variations™ Maple

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks channeled

These FSC® certified ceiling panels are available in rich, real wood veneers or economical wood-look visuals

ADDITIONAL ATTRIBUTES

- Create a continuous ceiling or cloud
- Create a ceiling-to-wall transition
- Real Wood Veneers
- Acoustical backing improves sound quality
- Shorter lead times and lower costs than custom millwork
- Class A fire performance

Natural Variations Finishes

- FSC® chain of custody (CoC) certified WoodWorks products represent responsible production and consumption practices from the forest to the consumer
- 100% Biobased content (see page 122)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

Images Finishes

- Larger Tegular and Vector® panel sizes – 24" x 48", 12" x 48", and 30" x 30" for even more design flexibility
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations (Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)



Custom Veneers Available

IMAGES™ FINISHES

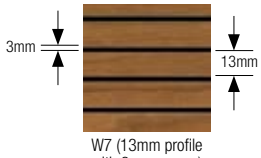
(High Quality Printed Finishes)



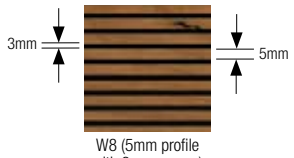
Maple (PMP) | Light Cherry (PLC) | Dark Cherry (PDC)

VENEER PERFORATION OPTIONS

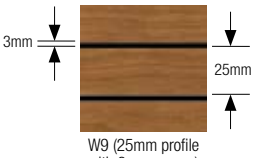
(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



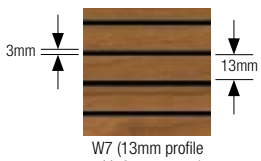
W8 (5mm profile with 3mm groove)



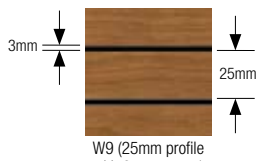
W9 (25mm profile with 3mm groove)

IMAGES PERFORATION OPTIONS

(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



W9 (25mm profile with 3mm groove)

WOODWORKS® Channeled
Planks

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626
The mark of responsible forestry

*Images™ products are not FSC or Rainforest Alliance Certified

92% RECYCLED CONTENT

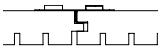
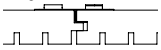
Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓			✓	✓	✓	✓		✓		✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Perforations	Fire Rating
WOODWORKS Channeled Plank Printed Images Perforated with Acoustical Fleece					
Tongue-and-Groove 	**6688C** _ _ _ _ _	5.553 x 96 x 11/16"		W7, W9*	Class A
	6689C _ _ _ _ _	5.553 x 120 x 11/16"		W7, W9*	Class A
FSC-certified WOODWORKS Channeled Plank Perforated with Acoustical Fleece					
Tongue-and-Groove 	**5900C** _ _ _ _ _	5.553 x 96 x 3/4"		W7, W8, W9*	Class A
	5901C _ _ _ _ _	5.553 x 120 x 3/4"		W7, W8, W9*	Class A

◆ When specifying or ordering, include the appropriate 5-letter perforation and color suffix (e.g., 6688CW 7 N M P.)
* Size width for panels with W9 perforation is 5.393".

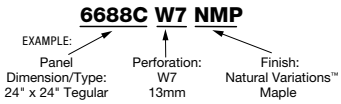
PERFORMANCE

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation	NRC panels	NRC planks
W7	0.75 0.80† •	0.75 0.95† •
W8	0.75 0.80† •	0.75 0.95† •
W9	0.60 0.65†	0.65 0.70†

† NRC when installed with acoustical infill (item 8200100 or 5479)



SUSPENSION SYSTEMS

15/16"



Prelude® XL®
(Black recommended)

ACCESSORIES

Natural Variations™ and Images™ finishes are designed to coordinate with each other. Trim and infill panels are available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
FSC certified fire-retardant medium-density fiberboard with face-cut veneers (SW-COC-003601). For more information about FSC certified products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Specification Consideration
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint
WoodWorks Channeled Wood Planks have been engineered, tested, and approved in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details in the back of this catalog.

Panel Weight
2.2 lbs/SF (Bulk packaged)

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armstrong.com/woodworks
(search: woodworks channeled plank)
BPCS-5124-1115

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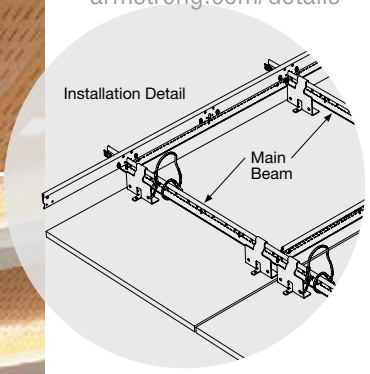
WOODWORKS® Concealed

Concealed Suspension



WoodWorks® Concealed 24" x 72" panels with W5 perforation in Bamboo Patina with Prelude® 15/16" suspension system (Pgs. 279-280)

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks concealed

This easy-to-install ceiling with a concealed suspension offers a continuous, monolithic visual.

KEY SELECTION ATTRIBUTES

- Mix and match standard panel sizes on the same project
- Narrow 1/4" reveal visual and 6" aluminum trim available in coordinating wood finishes or black
- Coordinating WoodWorks walls (see pages 341-342 for wall offering)
- Patented hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility
- Shorter lead times and lower cost than custom millwork
- Factory-edge banded for superior quality
- Complete standard system from one manufacturer (suspension system/ panels/trim)

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™
(Real Wood Veneers)



Beech (NBE) | Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)



Walnut (NWN) | Oak (NOK) | Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)



Maple (CMA) | Cherry (CCY) | Walnut (CWA) | Redux Wood Wheat (CRW)

Bamboo**



Patina (BAP) | Native (BAN)

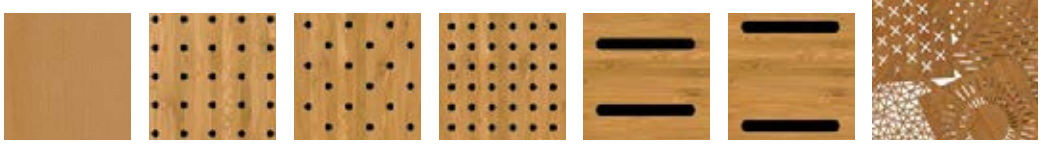


Custom Veneers Available

** Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

PERFORATION OPTIONS

(Actual 1:6 scale shown)



W1 (Unperforated) | W2 – Rg 6006 (Round Straight) | W3 – Rd 6006 (Round Diagonal) | W4 – Rg 6011 (Round Straight) | W5 – Lg 9512 (Oval Straight Slotted) | W6 – Lg 9508 (Oval Straight Slotted) | Custom Perforations Available

NOTE: Slotted perforations run parallel to the length of the panel. To view more perforation information and build swatches in real time, visit armstrong.com/swatchit

WOODWORKS® Concealed

Concealed Suspension

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626
The mark of responsible forestry

92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓	✓		✓	✓	✓	✓		✓		

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Item Number◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available		Perforations	Fire Rating	Soil
FSC® certified WOODWORKS® Concealed						
1/4" Reveal	**5983**_ _ _ _ _	24 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A	•
	5984_ _ _ _ _	24 x 72 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A	•
	5985_ _ _ _ _	24 x 96 x 3/4"	▭	W1, W2, W3, W4, W5, W6	Class A	•

◆ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns
available as special order, call TechLine at 1 877 ARMSTRONG.

PERFORMANCE

Fire Rating: Class A
Soil: •

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation	NRC**
W1	N/A
W2	0.40
W3	0.40
W4	0.65
W5	0.55
W6	0.40

** Maximum NRC achieved with acoustical infill (item 8200100, 5479, or 5823). When infill is used, CAC is 28.

ACCESSORIES

Item Number	Description	Dimensions Nominal (Inches)	Color	Pieces/ Carton
6603W1_ _ _◆	WoodWorks Concealed Trim◆◆	6 x 120"	Standard Veneers (see below) and Black (BL)	6
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black	12
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
6408_ _ _◆	Edge Banding	300 x 3/4"	Standard Veneers (see page 117)	1

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6408 N M P)
◆◆ Trim cartons include FXTBC Clips and FX4SPLICE Splice Plates.
U.S. Patent number: 8,596,009

5983 W2 NLC

EXAMPLE:
- Panel Dimension/Type: 2' x 4' FSC-certified
- Perforation: W2 Round Straight Bg 6006
- Finish: Natural Variations Light Cherry

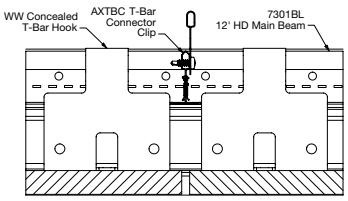
SUSPENSION SYSTEMS

When ordering suspension system materials, please note that this product requires Prelude® Heavy-duty (HD) main beams and 2' cross tees that are full height (1-11/16"). Both suspension system components should be specified in Tech Black (BL).

15/16" Standard: Prelude® BL (Tech Black)

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5986	T-Bar Hook†	Nominal 4 x 2 x 3"	50
7123	Wood Screws	5/8"	300
6091	Safety Cable	24 x 3/32"	50
SH12	Support Hanger	144 x 2"	12

† For 24 x 48" panel, install 4 hooks; for 24 x 72" panel, install 6 hooks; for 24 x 96" panel, install 8 hooks. NOTE: Three screws per hook.
NOTE: Refer to installation instructions at armstrong.com/installation for a better understanding of suspension systems requirements.



Installation Detail – WoodWorks Concealed Ceiling System

PHYSICAL DATA

Material
FSC certified fire-retardant particle board with face-cut veneers (SW-COC-003601). For more information about FSC certified products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

6603 - Face-cut veneer or black paint on aluminum laminate substrate

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Primary (Embodied) Energy
See all LCA information on our EPDs.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Design Considerations
For additional configuration ideas, refer to the WoodWorks Concealed Technical Guide, BPCS-4274, or visit armstrong.com/woodworks

Do not mix different panel sizes with slotted perforations. Perforation borders will not align. The use of Armstrong® Prelude 15/16" suspension system is strongly recommended.

Cloud installations less than 6' wide are not recommended.

Specification Consideration
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor, or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint

WoodWorks Concealed panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight/Square Feet
5983, 5984, 5985 - 2.75 lbs/SF; bulk packaged per order. Suspension system, hardware, and accessories ordered separately.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/woodworks
(search: woodworks concealed)
BPCS-5105-1115

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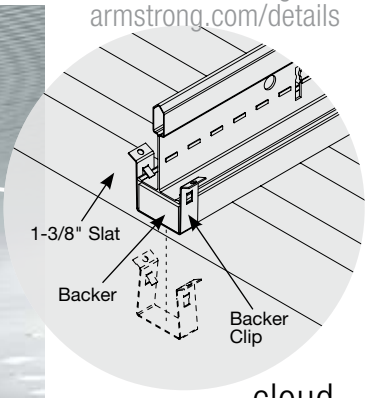
WOODWORKS® Grille

Solid Wood Backer & Dowel



WoodWorks® Custom Installation – Grille Faceted Ceiling 2-1/4" panels in Grille White with Backer

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks grille

These warm, natural wood ceilings offer installation flexibility and a variety of design options.

ADDITIONAL ATTRIBUTES

Backer & Dowel

- A variety of standard slat sizes available; custom sizes also available
- Install in the ceiling, on the wall, or create 90º angled or faceted ceiling-to-wall transitions
- Easy installation with dowel or backer
- Custom-curved application available with flexible backer

FINISH SELECTION

Due to printing limitations, shade may vary from actual product.



Grille White (GWH) | Grille Maple (GMP) | Grille Light Cherry (GLC) | Grille Dark Cherry (GDC) | Grille Walnut (GWN) | Custom Finishes Available

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Description	Dimensions (Inches) Nominal W x L x H	Acoustics* NRC	Fire Rating
WOODWORKS Grille – Backer and Dowel					
Backer	**7263**_ _ _ _ _◆	1-3/8" 6 slats	12 x 96 x 1-7/8" with Backer 12 x 96 x 1-3/8" with Dowel	0.75 •	See physical data pg. 124
	7264_ _ _ _ _◆	1-3/8" 8 slats	12 x 96 x 1-7/8" with Backer 12 x 96 x 1-3/8" with Dowel	0.75 •	See physical data pg. 124
Dowel	**7265**_ _ _ _ _◆	2-1/4" 6 slats	12 x 96 x 2-3/4" with Backer 12 x 96 x 2-1/4" with Dowel	0.75 •	See physical data pg. 124
	7266_ _ _ _ _◆	2-1/4" 8 slats	12 x 96 x 2-3/4" with Backer 12 x 96 x 2-1/4" with Dowel	0.75 •	See physical data pg. 124
Backer & Dowel	**7091** _ _ _ _ _	3-1/4" 5 slats	12 x 96 x 3-3/4" Backer & Dowel	0.75 •	See physical data pg. 124
	7092 _ _ _ _ _	3-1/4" 6 slats	12 x 96 x 3-3/4" Backer & Dowel	0.75 •	See physical data below
	7093 _ _ _ _ _	4-1/4" 5 slats	12 x 96 x 4-3/4" Backer & Dowel	0.75 •	See physical data below

◆ When specifying or ordering Backer or Dowel panels, please include the installation type and color suffixes (e.g., 7263 B O G L C – 6 slats 1-3/8" Backer in Grille Light Cherry).
Installation suffixes: BO = Backer, DO = Dowel

* NRC 0.75 with acoustical infill Item 5823. NOTE: For additional color and size options, or curved applications options with flexible Backers (special order), call TechLine at 1 877 ARMSTRONG.

WOODWORKS® Grille

Solid Wood Backer & Dowel

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials ✓; FSC (for wood); recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Description	Dimensions (Inches) Nominal W x L x H	Acoustics NRC	Fire Rating
WOODWORKS® Grille – Backer and Dowel					
Backer & Dowel	**7094** _ _ _ _ _	2-1/4" 4 slats	12 x 96 x 2-3/4" Backer	0.75 •	See physical data below
	7095 _ _ _ _ _	3-1/4" 4 slats	12 x 96 x 3-3/4" Backer	0.75 •	See physical data below
	7096 _ _ _ _ _	4-1/4" 4 slats	12 x 96 x 4-3/4" Backer & Dowel	0.75 •	See physical data below
	7097 _ _ _ _ _	3-1/4" 3 slats	12 x 96 x 3-3/4" Backer	0.75 •	See physical data below
	7098 _ _ _ _ _	4-1/4" 3 slats	12 x 96 x 4-3/4" Backer & Dowel	0.75 •	See physical data below
	7099 _ _ _ _ _	5-1/4" 3 slats	12 x 96 x 5-3/4" Backer & Dowel	0.75 •	See physical data below

◆ When specifying or ordering Backer or Dowel panels, please include the installation type and color suffixes (e.g., 7092 B O G L C – 6 slats 1-3/8" Backer in Grille Light Cherry).
Installation suffixes: BO = Backer, DO = Dowel

* NRC 0.75 with acoustical infill Item 5823. NOTE: For additional color and size options, or curved applications options with flexible Backers (special order), call TechLine at 1 877 ARMSTRONG.

ACCESSORIES

Item Number	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color (Refer to pg. 123)	Pcs/ Ctn
5672 _ _ _**	Junction – 1-3/8"	1-1/2 x 96 x 2"	All finishes	Bulk
5674 _ _ _**	End Cap – 1-3/8"	3/4 x 96 x 2"	All finishes	Bulk
5675 _ _ _**	End Cap – 2-1/4"	3/4 x 96 x 2-3/4"	All finishes	Bulk
7170 _ _ _**	End Cap – 3-1/4"	3/4 x 96 x 3-3/4"	All finishes	Bulk
7171 _ _ _**	End Cap – 4-1/4"	3/4 x 96 x 4-3/4"	All finishes	Bulk
7172 _ _ _**	End Cap – 5-1/4"	3/4 x 96 x 5-3/4"	All finishes	Bulk
5687	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail

Item Number	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color (Refer to pg. 123)	Pcs/ Ctn
5688	Dowel Clip	3/8 x 7/8 x 7/8"	N/A	250 pcs/pail
5671 _ _ _**	Ledger	1 x 96 x 1/4"	All finishes	Bulk
7891	12 Gauge Soft Hanger Wire	144" Length	N/A	140
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
6459BL	Uptight Clip	5-1/2 x 1-3/4"	Black	25
RC2BL	RC2 Radius Clip	N/A	Black	205

** When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P).

SUSPENSION SYSTEMS

For ceilings with a radius of 12-1/2' or greater, use standard panels and 15/16" main beams faceted 12" on center with RC2BL clips.

15/16"	Heavy Duty Prelude® XL® (Black recommended)

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
Slats, Backers, and Tegular panels – solid Poplar (yellow or hybrid). Dowels – solid Birch.

Surface Finish
Clear or tinted semigloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance
Solid Poplar (yellow or hybrid) Hardwood Slats and Backers
Solid Birch Hardwood Dowels
Solid Poplar (yellow or hybrid) Hardwood Slats and Backers – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available for all finishes except Grille White (GWH).

Fire performance will vary between wood species.

Contact TechLine at 1 877 ARMSTRONG for details.

These panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations

Backer & Dowel
For slat heights over 5", both Dowels and Backers are required for stability. Slat sizes over 2-1/4" are not recommended for wall applications. Contact TechLine for details at 1 877 ARMSTRONG.

Infill Panel Use
If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below.

Site Conditions
It is very important that panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50˚F and 86˚F must be maintained.

Installation Consideration
When junction accessory is not used, the result will be a 1" gap between slat lengths.

Seismic Restraint
WoodWorks Grille panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight
7263 – 2.0 lbs/SF
7264 – 2.6 lbs/SF
7265 – 2.8 lbs/SF
7266 – 3.6 lbs/SF
7091 – 3.2 lbs/SF
7093 – 3.0 lbs/SF
7092, 7094, 7097 – 3.4 lbs/SF
7095 – 3.5 lbs/SF
7266, 7096, 7098 – 3.6 lbs/SF
7099 – 4.37 lbs/SF

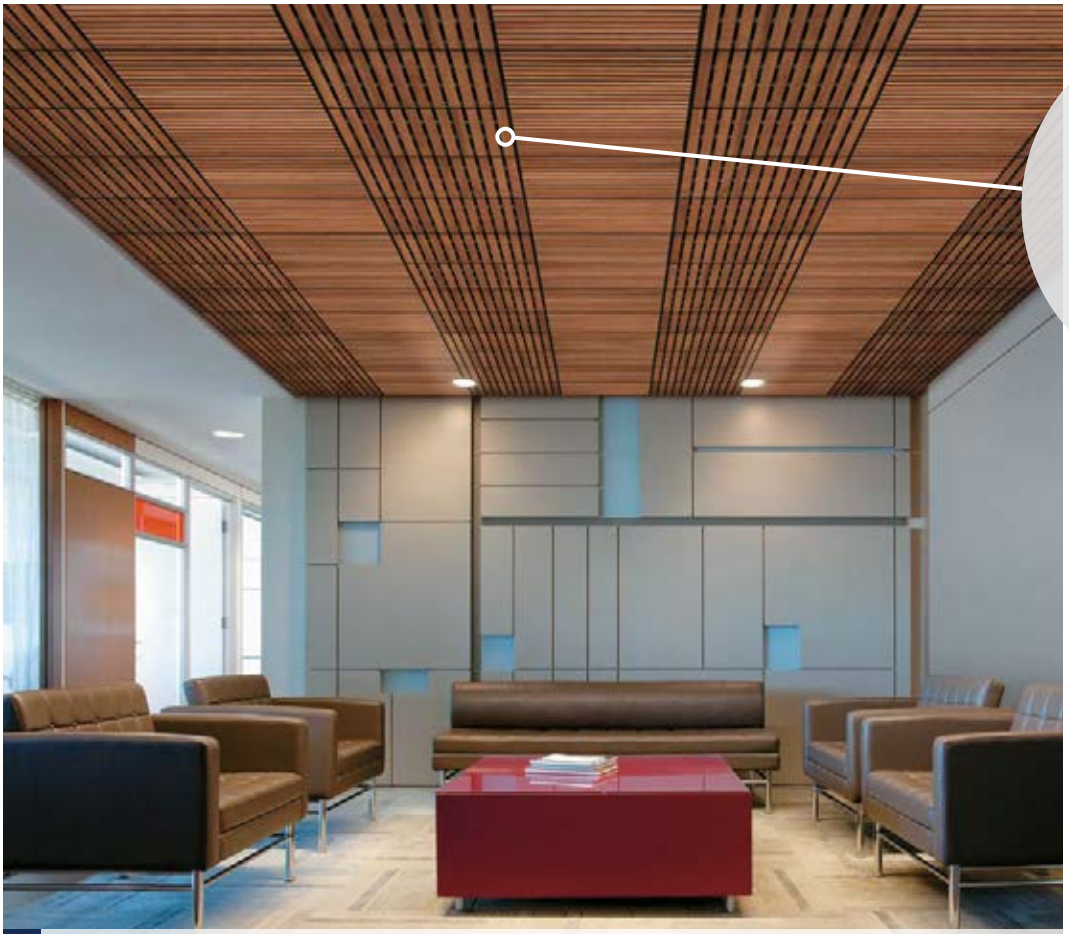
TechLine℠ / 1 877 ARMSTRONG
armstrong.com/woodworks
(search: woodworks grille)
BPCS-5106-1215

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WOODWORKS® Grille

Tegular

CAD/Revit® drawings at:
armstrong.com/details





WoodWorks® Grille Tegular in Light Cherry

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks grille

Panels with solid wood slats offer installation and design flexibility

ADDITIONAL ATTRIBUTES

Tegular Panels

- New painted white finish for even more design flexibility
- Vertical slats are deeper than they are wide creating a more open feel
- Horizontal slats are wider than they are deep creating a warm, more solid look
- 24" x 24" and 24" x 48" sizes available in vertical and horizontal slat designs
- FSC® and Rainforest Alliance® Certification available upon request
- Panels are designed so the suspension system virtually disappears
- Tegular panels with backers easily install on standard suspension system
- Create continuous looks and clouds with Axiom® trim

FINISH SELECTION

Due to printing limitations, shade may vary from actual product.



Grille White (GWH) | Grille Maple (GMP) | Grille Light Cherry (GLC) | Grille Dark Cherry (GDC) | Grille Walnut (GWN) | Custom Finishes Available

WOODWORKS® Grille
Tegular

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

Calculate LEED contribution at armstrong.com/greengenie

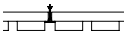
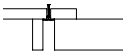
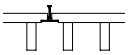
LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials ✓; FSC (for wood); recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

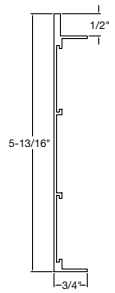
Dots represent high level of performance.

Edge Profile	Item Number◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available		Acoustics* NRC	Fire Rating
WOODWORKS® Grille Tegular for 9/16" Suspension System						
9/16" Tegular with Horizontal Slats 	**662808**_ _ _◆	1/2" x 1-1/2" 12 horizontal slats	24 x 24 x 1"	☐	0.85 ●	See physical data below
	663008_ _ _◆	1/2" x 1-1/2" 12 horizontal slats	24 x 48 x 1"	▭	0.85 ●	See physical data below
9/16" Tegular with Vertical Slats 	**662912**_ _ _◆	1/2" x 1-1/2" 12 vertical slats	24 x 24 x 2"	☐	0.85 ●	See physical data below
WOODWORKS Grille Tegular for 15/16" Suspension System						
15/16" Tegular with Horizontal Slats 	**662812**_ _ _◆	1/2" x 1-1/2" 10 horizontal slats	24 x 24 x 1"	☐	0.85 ●	See physical data below
	663012_ _ _◆	1/2" x 1-1/2" 10 horizontal slats	24 x 48 x 1"	▭	0.85 ●	See physical data below
15/16" Tegular with Vertical Slats 	**663112**_ _ _◆	1/2" x 1-1/2" 12 vertical slats	24 x 48 x 2"	▭	0.85 ●	See physical data below

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 663008 G L C).
* NRC 0.75 or 0.85 with acoustical infill item 5823.
NOTE: For additional color and size options, call TechLine at 1 877 ARMSTRONG.

ACCESSORIES

Item Number	Description	Dimensions Nominal W x L (Inches)	Color	Pieces/Carton
AX4VESTRBL	4" Axiom® Vector®	120 x 3/4 x 4"	Black (BL)	–
AX6VESTRBL	6" Axiom Vector◆◆	120 x 3/4 x 6"	Black (BL)	–
AX4VEQSISBL	4" Inside Corner Post	3/4 x 3/4 x 4"	Black (BL)	–
AX6VEQSISBL	6" Inside Corner Post	3/4 x 3/4 x 6"	Black (BL)	–
AX4VEOSCPBL	4" Outside Corner Post	3/4 x 3/4 x 4"	Black (BL)	–
AX6VEOSCPBL	6" Outside Corner Post	3/4 x 3/4 x 6"	Black (BL)	–
AXTBC	T-Bar Connector Clip	N/A	N/A	10
AXSPLICE	Splice Plate with Setscrews	N/A	N/A	10
SH12	Support Hanger	144 x 2"	N/A	12
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black (Matte)	12



6" Axiom Vector Trim Channel

** When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P).
◆◆ Trim cartons include AXTBC Clips and AXSPLICE Splice Plates.

SUSPENSION SYSTEM

15/16"	Prelude® XL® (Black recommended), 360º Painted with 4' cross tee route holes at 12"
9/16"	Suprafine® XL® 9/16" Exposed Tee (Black recommended)

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
Solid Poplar (yellow or hybrid) (SW-COC-003601)

Surface Finish
Clear or tinted semigloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance
Solid Poplar Hardwood Slats and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available for all finishes EXCEPT Grille White (GWH).

Composite Grille product testing has not been completed, since results will vary on a project-by-project basis. Contact TechLine at 1 877 ARMSTRONG for details.

WoodWorks Grille, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present. For more fire performance information, visit armstrong.com/grille

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations
If no infill panel is used, unfinished parts of the suspension system and Axiom will be visible from below.

Item 663112 24" x 24" vertical slat panels are designed for checkerboard only. An uneven reveal between slats will be visible, if installed in a linear fashion.

Seismic Restraint
WoodWorks Grille has been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight (Bulk packaged)
662808, 662912, 663008, 663112 – 0.875 lbs/SF
662812, 663012 – 0.775 lbs/SF

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armstrong.com/woodworks
(search: woodworks grille tegular)
BPCS-5125-1115

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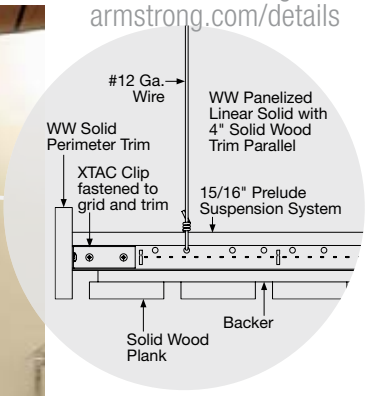
WOODWORKS® Linear

Solid Wood Panels



WoodWorks® Linear Solid Wood panels in Grille Dark Cherry on Prelude® XL® 15/16" suspension system (Pgs. 279-280)

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks linear

Traditional or easy-to-install panels offer multiple ways to achieve a linear look.

ADDITIONAL ATTRIBUTES

Solid Wood Panels

- Two plank widths – nominal 3" and nominal 5" – in four rich finishes and white
- Fast, easy installation – screw into suspension system or install with backer clip
- Create continuous looks and clouds with solid wood trim
- Complete standard system from one manufacturer
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option

FINISH SELECTION

Due to printing limitations, shade may vary from actual product.



Grille White (GWH) | Grille Maple (GMP) | Grille Light Cherry (GLC) | Grille Dark Cherry (GDC) | Grille Walnut (GWN) | Custom Finishes Available

WOODWORKS® Linear
Solid Wood Panels

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials ✓; FSC (for wood) ✓; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item Number◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Acoustics*	Fire Rating
WOODWORKS Linear Solid Wood Panels					
	**6693W1** _ _ _	Nominal 3" wide planks	12 x 96 x 3/4"	0.60	See below
	**6694W1** _ _ _	Nominal 5" wide planks	12 x 96 x 3/4"	0.50	See below

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 6693W1 G M P)
* NRC achieved with acoustical infill (Item 82001007).
NOTE: For additional color and size options, or acoustical felt available as a custom option, call TechLine at 1 877 ARMSTRONG.

ACCESSORIES

Item Number	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
7146 _ _ _ ◆	Solid Wood Trim	4 x 120 x 3/4"	See Finishes Below	Bulk
5687†	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail
5671 _ _ _ ◆	Ledger	1 x 96 x 1/4"	See Finishes Below	Bulk
7891	12 Gauge Soft Hanger Wire	144" Length	N/A	140
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
6657	BioAcoustic™ Infill Panel	11 x 48 x 5/8"	Black (Matte)	10

◆ When specifying or ordering, include the three-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P).
† Backer clip should only be used when installing panels with 3" wide nominal planks.

SUSPENSION SYSTEMS

15/16"



Prelude® XL®
(Black recommended)

Wood is a natural product and will exhibit natural variations in color, grain, and texture, and knot holes of up to 1/2" in diameter.



ACCESSORIES

Accessories, trim, and infill panels are available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

PHYSICAL DATA

Material
Planks and Backers – solid Poplar (yellow or hybrid)

Surface Finish
Clear or tinted semigloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance
Solid Hardwood Planks and Backers – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available for all finishes except Grille White (GWH).

Fire performance will vary between wood species. Contact TechLine at 1 877 ARMSTRONG for details.

Woodworks Linear Solid Wood Panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations
It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

Installation Consideration
System is designed to have a 1" gap between panels.

Backer clip can only be used for installations of the panel with 3" nominal planks (Item 6693).

Seismic Restraint
WoodWorks Linear Solid Wood Panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

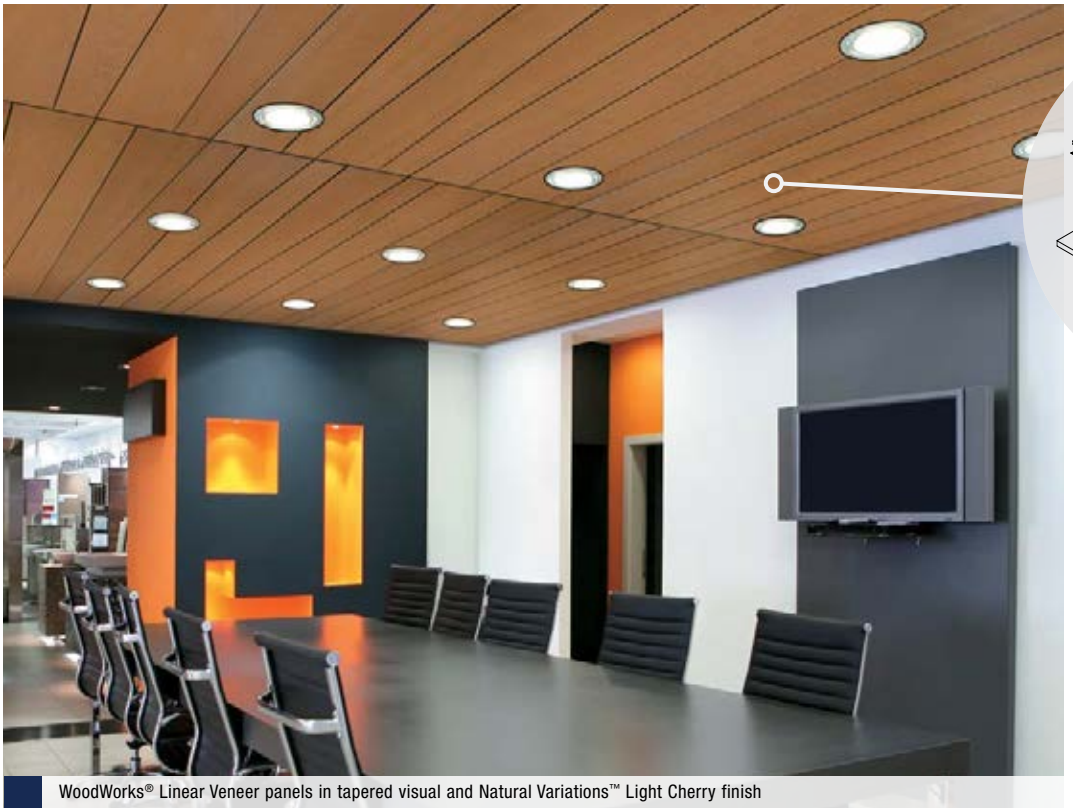
Weight
6693 – 1.25 lbs/SF
6694 – 1.25 lbs/SF
(Bulk packaged)

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armstrong.com/woodworks
(search: woodworks linear solid wood panels)
BPCS-5107-815

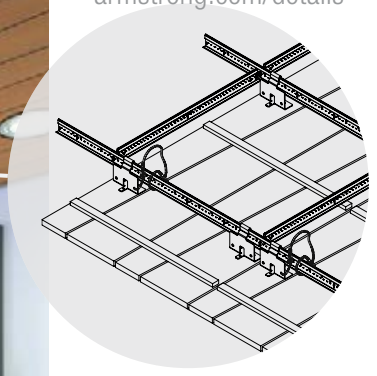
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WOODWORKS® Linear
Veneered Panels

CAD/Revit® drawings at:
armstrong.com/details



WoodWorks® Linear Veneer panels in tapered visual and Natural Variations™ Light Cherry finish



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks linear

These unique tapered or traditional wood panels offer a variety of linear looks.

ADDITIONAL ATTRIBUTES

Veneered Panels

- Panels in nominal 4" or 6" widths
- Create continuous looks and clouds with veneer-wrapped and painted aluminum trim
- Patented hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility
- Complete standard system from one manufacturer (suspension system/panels/trim)
- Factory-edge banded for superior quality
- 100% Biobased content
- BioAcoustic™ infill available for increased acoustical performance
- Acoustical fleece available as an option

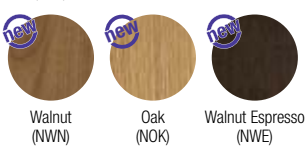
VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™
(Real Wood Veneers)



Beech (NBE) · Maple (NMP) · Light Cherry (NLC) · Dark Cherry (NDC)



Walnut (NWN) · Oak (NOK) · Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)



Maple (CMA) · Cherry (CCY) · Walnut (CWA) · Redux Wood Wheat (CRW)

Bamboo**



Patina (BAP) · Native (BAN)



Custom Veneers Available

** Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

WOODWORKS® Linear
Veneered Panels

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626
The mark of responsible forestry

92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓			✓	✓						

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item Number◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Acoustics NRC**	Fire Rating
FSC® certified WOODWORKS® Linear Veneered Panels					
3/4" Reveal	**6690W1** _ _ _	Nominal 4" wide planks	24 x 96 x 3/4"	0.45	Class A
1/4" Reveal	**6691W1** _ _ _	Nominal 6" wide planks	24 x 96 x 3/4"	0.20	Class A
1/4" Reveal	**6692W1** _ _ _	Tapered planks	24 x 96 x 3/4"	0.20	Class A

◆ When specifying or ordering, include the appropriate 3-letter color suffixes.
** NRC achieved with BioAcoustic™ infill (item 6657).
NOTE: Veneers and sizes available as special order; call TechLine at 1 877 ARMSTRONG.
U.S. Patent number: 8,576,009

EXAMPLE: **6690W1 NLC**
- 6690W1: Panel Dimension/Type: 2' x 8' Nominal 4" wide planks
- NLC: Finish: Natural Variations™ Light Cherry

ACCESSORIES

Item Number	Description	Dimensions Nominal (Inches)	Color	Pieces/ Carton
6603W1_ _ _◆	WoodWorks Concealed Trim◆◆	6 x 120"	Standard Veneers (see below) and Black (BL)	6
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black	12
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
6408_ _ _◆	Edge Banding	300 x 3/4"	Standard Veneers (see page 129)	1

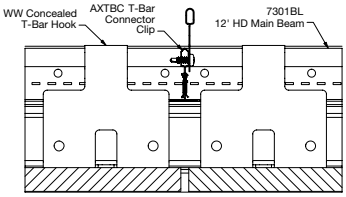
◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6408 N M P)
◆◆ Trim cartons include FXTBC Clips and FX4SPLICE Splice Plates.

SUSPENSION SYSTEMS

When ordering suspension system materials, please note that this product requires Prelude 15/16" Heavy-duty (HD) main beams and 2' cross tees that are full height (1-11/16"). Both suspension system components should be specified in Tech Black (BL).

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5986	T-Bar Hook†	Nominal 4 x 2 x 3"	50
7123	Wood Screws	5/8"	300
6091	Safety Cable	24 x 3/32"	50
SH12	Support Hanger	144 x 2"	12

† For 24" x 96" panel, install eight hooks. NOTE: three screws per hook.
NOTE: Refer to installation instructions at armstrong.com/installation for a better understanding of suspension system requirements.



Installation Detail

PHYSICAL DATA

Material
FSC certified fire-retardant particle board with face-cut veneers (SW-COC-003601). For more information about FSC certified products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

Design Considerations
Cloud installations with total panel width less than 6' wide are not recommended.

Cloud installations with total panel length less than 16' wide cannot be done.

Specification Consideration
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint
WoodWorks Linear panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/warranty

Weight
6690, 6691, 6692 – 2.75 lbs/SF; bulk packaged per order. Suspension system, hardware, and accessories ordered separately.

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armstrong.com/woodworks
(search: woodworks linear veneered panels)
BPCS-5126-715

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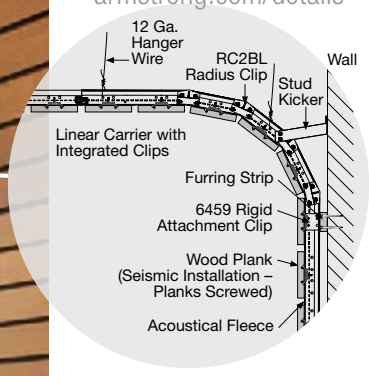
WOODWORKS® Linear

Veneered Planks



WoodWorks® Linear planks 96 x 3-3/4" in Natural Variations™ Light Cherry; Ceiling-to-Wall Faceted Transition

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks linear

Standard, easy-to-install wood veneer planks offer a variety of installation options.

ADDITIONAL ATTRIBUTES

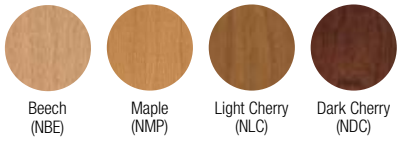
Lineared Planks

- Standard wood planks in two widths; nominal 4-1/2" and 6" modules, with traditional 3/4" reveals
- Standard factory-applied acoustic fleece
- Patented installation system allows for installation on the ceiling, wall, at 90° angle or in a curved ceiling-to-wall transitions (one-foot minimum radius)
- Create upturns for continuous visuals and clouds with veneer-wrapped WoodWorks Trim
- Suspension system and planks from one manufacturer; improved for 30-50% faster installation
- 100% Biobased content

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™
(Real Wood Veneers)



Beech (NBE) · Maple (NMP) · Light Cherry (NLC) · Dark Cherry (NDC)



Walnut (NWN) · Oak (NOK) · Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)



Maple (CMA) · Cherry (CCY) · Walnut (CWA) · Redux Wood Wheat (CRW)

Bamboo**



Patina (BAP) · Native (BAN)



Custom Veneers Available

** Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

WOODWORKS® Linear
Veneered Planks

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

92% LEED®

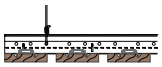
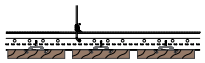
Calculate LEED contribution at armstrong.com/greengenie

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓				✓	✓						

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item Number◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Acoustics** NRC	Fire Rating
WOODWORKS Linear – Nominal 4-1/2" Module				
	**6440W1**_ _ _	96 x 3-3/4 x 3/4" with 3/4" reveal	0.50 0.60**	Class A
	6640W1_ _ _ (FSC® certified)	96 x 3-3/4 x 3/4" with 3/4" reveal	0.50 0.60**	Class A
WOODWORKS Linear – Nominal 6" Module				
	**6460W1** _ _ _	96 x 5-1/4 x 3/4" with 3/4" reveal	0.40 0.50**	Class A
	6660W1 _ _ _ (FSC certified)	96 x 5-1/4 x 3/4" with 3/4" reveal	0.40 0.50**	Class A

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6440W1 N M P)

** Adding acoustical infill (item 8200100, 5479, or 5823) for 4-1/2" module increases the NRC to 0.60. Adding acoustical fiberglass infill for 6" module increases the NRC to 0.45; adding BioAcoustic™ infill 5479 increases NRC to 0.50. For additional infill options, refer to the Acoustical Infill Panels catalog pages 135-136. U.S. Patent number: 8,857,121

ACCESSORIES

For additional accessory items see pages 135-136.

Item Number	Description	Dimensions Nominal (Inches)	Pieces/Carton
5843	Linear Wood Panel Splice	—	100
5948	Linear and Channeled Trim Connector Clip	N/A	30
RC2BL	Radius Clip for faceted grid applications (Black)	—	205 pcs/bucket
6459BL	Rigid Attachment Clip (Black)	5-1/2 x 1-3/4"	25
92715A620	Self-tapping Screws (Black)	#2 x 3/4" Length	25

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (6440W1 N M P.)

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels are available.
See pages 135-136 in this catalog or visit armstrong.com/woodworks

SUSPENSION SYSTEM

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5370	12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 4-1/2" modules	144 x 15/16 x 1-11/16"	10 (Approx. 240 SF/ctn installed with planks)
5371	12' HD Linear Carriers (concealed) with integral clips (factory-applied) for nominal 6" modules	144 x 15/16 x 1-11/16"	10 (Approx. 240 SF/ctn installed with planks)

NOTE: For radiused applications, use standard panels and HD linear carriers faceted 12" on center with RC2BL clips.

PHYSICAL DATA

Material
Fire-retardant particle board with face-cut veneers. FSC certified fire-retardant particle board with face-cut veneers (SW-COC-003601). For more information about FSC certified products or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Factory-applied black fleece on each plank to cover the reveal.

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Linear wood, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks planks are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

Specification Consideration
Attention: For FSC certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Installation Considerations
Installation can use staggered, random joints for a monolithic appearance or consistent lengths for a modular style. For expansion, a 3/4" gap is recommended at every 24-foot run of plank. See installation instructions BPLA-297443 at armstrong.com/installation.

Seismic Restraint
WoodWorks Linear planks have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Warranty details at armstrong.com/warranty

Weight
6440, 6640 – 2.88 lbs/SF
6460, 6660 – 2.89 lbs/SF
(Bulk packaged)

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/woodworks
(search: woodworks linear veneered planks)
BPCS-5127-1115

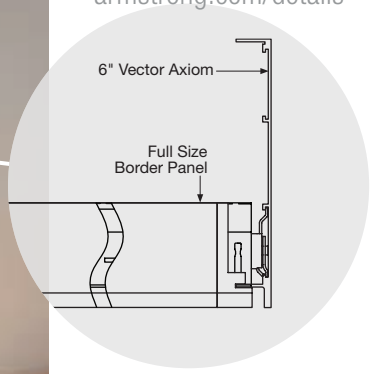
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WOODWORKS® Open Cell

Vector®

CAD/Revit® drawings at:
armstrong.com/details





WoodWorks® Open Cell Vector® Four Square 24" x 24" panels in Grille Maple with Axiom® Vector® trim in Pewter Luster on Prelude® 15/16" suspension system in Pewter Luster (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks concealed

A decorative, solid wood ceiling that is 100% accessible

KEY SELECTION ATTRIBUTES

- Enhance space volume with open structure design
- Choose from a variety of standard designs and finishes
- Mix panel sizes for a variety of looks
- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Suspension system, trim, and accessories designed and tested to work with Open Cell panels
- BioAcoustic™ infill panel can be used to enhance acoustics

FINISHES

Due to printing limitations, shade may vary from actual product.


Grille Maple (GMP)


Grille Light Cherry (GLC)


Grille Dark Cherry (GDC)


Grille Walnut (GWN)


Custom Finishes Available

PANEL SELECTION


Item 6622 – Four Square
Available 24" x 24" and 24" x 48"


Item 6623 – Multi-Square
Available 24" x 24" and 24" x 48"


Item 6624 – Linear
Available 24" x 24" only

WOODWORKS® Open Cell
Vector®

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 100%

FSC www.fsc.org FSC® C007626
The mark of responsible forestry

Calculate LEED contribution at armstrong.com/greengenie

LEED®

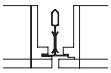
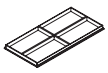
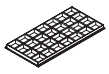
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓			✓		✓	✓	✓				✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available		Acoustics* NRC	Fire Rating
WOODWORKS® Open Cell Vector®						
1/4" Reveal with 15/16" Vector 	**6622**_ _ _	Four Square with 12" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6623_ _ _	Multi-Square with 6" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6624_ _ _	Linear with 6" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6625_ _ _	Four Square with 12" Cells	24 x 48 x 2-1/4"		0.85 •	See below
	6626_ _ _	Multi-Square with 6" Cells	24 x 48 x 2-1/4"		0.85 •	See below

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6622 G M P).
* NRC 0.85 with acoustical infill item 5823.
NOTE: For additional color and size options available as special order, call TechLine at 1 877 ARMSTRONG.

ACCESSORIES

For additional accessory items, see pages 135-136.

Item Number	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color	Acoustics NRC	Pieces/ Carton
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black (Matte)	0.75†	12

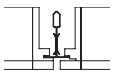
† Please note that NRC value for item 5823 is stated for infill-to-infill comparison. Actual NRC value will vary based on panel and perforation selection.

ACCESSORIES

Accessories, trim and infill panels are available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

SUSPENSION SYSTEM

15/16"



Prelude® XL®

PHYSICAL DATA

Material
FSC®-certified solid Poplar (yellow or hybrid) (SW-COC-003601)

Surface Finish
Clear or tinted semigloss coating

Fire Performance
Solid Poplar Hardwood – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available.

WoodWorks Open Cell panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device.

Designers and installers are advised to consult a fire-protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present. For more information, visit armstrong.com/woodworks

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations
It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained. Exposed, unpainted back of Axiom® trim may be visible when using higher trims on full-size panel installation only.

Installation Consideration
Do not cut panels.

Seismic Restraint
WoodWorks Open Cell panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong installation instructions.

Warranty
Details at armstrong.com/catalog

Weight
6623, 6626 – 1.0 lbs/SF
6624 – 0.625 lbs/SF
6622, 6625 – 0.5 lbs/SF
Bulk Packaged

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WOODWORKS® Family – Trim and Accessories

UP TO 92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✔; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; FSC (for wood); recycled content ✔; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality ✔; acoustics

▲ LOCATION DEPENDENT

WOODWORKS® TRIM

Item Number◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Color	Pcs/Ctn.
6603W1_ _ _**	WoodWorks® Concealed Trim (aluminum)	6 x 120"	See below	6
5415W1_ _ _	4" WoodWorks Trim (with FSC® certified wood substrate)	4 x 96 x 3/4"	See below	6
5419W1_ _ _	6" WoodWorks Trim (with FSC certified wood substrate)	6 x 96 x 3/4"	See below	4
5659W1_ _ _**	4" WoodWorks Trim (with aluminum substrate)	4 x 120"	See below	6
5660W1_ _ _**	6" Woodworks Trim (with aluminum substrate)	6 x 120"	See below	6
6408_ _ _*	3/4" Edge Banding	3/4 x 300"	See below	1

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6603W1N M P.)
* Images™ edge banding coordinates with Natural Variations™ Light Cherry, Dark Cherry, and Maple. Use the Natural Variations colors when ordering.
** FXTBC, FXPSPLICE, FX4SPLICE, included.

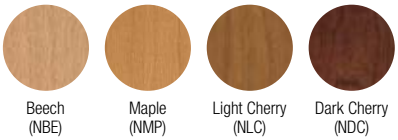


WOODWORKS® TRIM FINISH SELECTION

Due to printing limitations, shade may vary from actual product.

VENEERS

Natural Variations™ (Real Wood Veneers)



Beech (NBE); Maple (NMP); Light Cherry (NLC); Dark Cherry (NDC)



Walnut (NWN); Oak (NOK); Walnut Espresso (NWE)

Constants™ (Real Wood Veneers)



Maple (CMA); Cherry (CCY); Walnut (CWA); Redux Wood Wheat (CRW)

Bamboo**



Patina (BAP); Native (BAN)

** Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

SOLID WOOD FINISHES

Due to printing limitations, shade may vary from actual product.



Grille White (GWH); Grille Maple (GMP); Grille Light Cherry (GLC)



Grille Dark Cherry (GDC); Grille Walnut (GWN)

AXIOM® TRIM

Color options see page 301. Trim cartons include AXTBC Clips and AXSPLICE Plates.

Item Number◆	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Pcs/Ctn.
AX4VESTR _ _	4" Axiom® Vector®	120 x 3/4 x 4"	–
AX6VESTR _ _	6" Axiom Vector	120 x 3/4 x 6"	–
AX4VEQSIS _ _	4" Inside Corner Post	3/4 x 3/4 x 4"	–
AX6VEQSIS _ _	6" Inside Corner Post	3/4 x 3/4 x 6"	–
AX4VEOSCP _ _	4" Outside Corner Post	3/4 x 3/4 x 4"	–
AX6VEOSCP _ _	6" Outside Corner Post	3/4 x 3/4 x 6"	–
AXTBC	T-Bar Connector Clip	–	10
AXSPLICE	Splice Plate with Setscrews	–	10

◆ When specifying or ordering, include the appropriate 2-letter color sufffix.

SOLID WOOD TRIM

Item Number	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Color	Pcs/Ctn.
7146 _ _ _	Solid Wood Trim	4 x 120 x 3/4"	See right	Bulk

ACCESSORIES FOR VECTOR INSTALLATIONS

Item Number	Description
442	Hold Down Clip
7425	24" Stabilizer Bar
7445	48" Stabilizer Bar

Border Clip safety clip, and hold down clip (included in carton for 24" x 24" panels; shipped separately for 12" x 48" and 24" x 48")

WOODWORKS® Family – Trim and Accessories

UP TO **92%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓						✓					

▲ LOCATION DEPENDENT

INSTALLATION ACCESSORIES

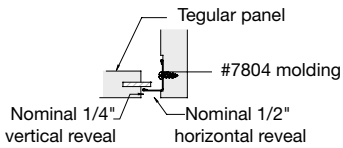
Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
7805BL**	10' Angle Molding	120 x 1-1/2 x 1-1/2"	Tech Black	30
7823BL**	10' Shadow Molding	120 x 2 x 1-1/4 x 3/4"	Tech Black	10
7804BL	Angle Molding (recommended with wood trims)	7/8 x 144 x 9/16"	Black	2
FXTBC	T-Bar Connector Clip	–	–	10
FXVTBC	Vector® T-Bar Connector Clip	–	–	10
FXSPLICE	Splice Plate with Setscrews	–	–	10
FX4SPLICE	Splice Plate with Setscrews	–	–	10
6459BL	Rigid Attachment Clip	5-1/2 x 1-3/4"	Black	25
6091	Safety Cable	–	–	50

** This color is a special order item with these moldings.

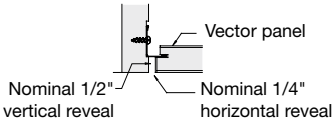
Item Number	Description	Dimensions (Inches)	Color	Pieces/Carton
7891	12 Gauge Hanger Wire	144" Length	–	–
92715A620	Self-tapping Screw	#2 x 3/4" Length	Black	25
SH12	Support Hanger	144 x 24"	N/A	12
UHDC	Universal Hold Down Clip	–	–	100
FZUHDC	FastShip Universal Hold Down Clip	–	–	50
CHDC	Clear Hold Down Clip	–	–	50
414	Retention Clip	–	–	100
FZ414	FastShip Retention Clip	–	–	50
442	Vector Hold Down Clip	144 x 24"	N/A	12

WOODWORKS® TRIM (WOOD SUBSTRATE) INSTALLATION

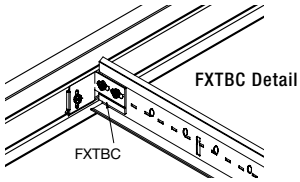
Trim with Tegular Panel

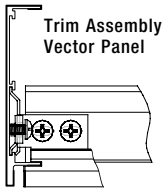


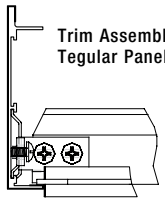
Trim with Vector® Panel

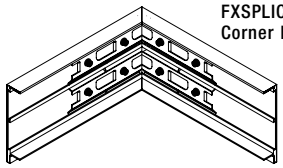


WOODWORKS TRIM (ALUMINUM SUBSTRATE) INSTALLATION





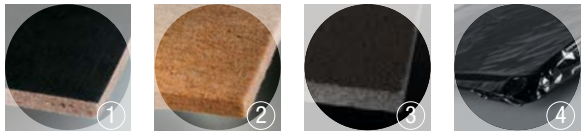




INFILL PANELS

Item Number	Description	Dimensions (Inches)	NRC	CAC	Colors	Pieces/Carton
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	0.75	N/A	Beige Matte	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	0.75	N/A	Black Matte	12
8200100	Fiberglass Infill Panel	24 x 24 x 1"	0.75	N/A	Black Gloss	12
1728BL	Fine Fissured™ Square Lay-in Panel	24 x 24"	0.55	33	Tech Black	35
76986	Cortega Square Lay-in Panel	24 x 24"	0.55	33	Black Gloss	12
747	Cortega Square Lay-in Panel	24 x 48"	0.55	40	White	8
1713	School Zone® Fine Fissured™ Square Lay-in Panel	24 x 24"	0.70	35	White	12
1714	School Zone® Fine Fissured™ Square Lay-in Panel	24 x 28"	0.70	40	White	8
6657	BioAcoustic Infill Panel	11 x 48 x 5/8"	0.75	N/A	Black Matte	12

DETAILS



1. BioAcoustic Infill Panel – Black
2. BioAcoustic Infill Panel
3. Fine Fissured™ Square Lay-in panel
4. 1" Fiberglass Infill panel

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custom wood capabilities



CASE STUDY

PROJECT: Lyric Opera Administration Building

LOCATION: Kansas City, MO

PRODUCT: WoodWorks® Concealed Ceilings

ARCHITECT: Hu Jarvis Meyer Architects Kansas City, MO

THE CHALLENGE:

While designing the new administration building for the Lyric Opera of Kansas City, the lead architect wanted to include a material that would add warmth to the building's signature upper lobby space. The design also needed to include an acoustics solution for the often noisy area.

THE SOLUTION:

A series of five 40-foot WoodWorks® Concealed ceiling clouds, in dark cherry wood veneer, were suspended in a sloped, ribbon-like pattern above the space. Each cloud consisted of a single row of standard 2' x 4' panels with custom splice plates and clips to create the dramatic 30-degree sloped look. An acoustics solution was achieved by using perforated panels backed by fiberglass acoustic infill panels. While adding warmth, the wood veneer panels also improved acoustics in the noisy lobby and reception areas. According to the design team, "…the ceiling design provided a very subtle wayfinding element, but also a nice, rich look – like a tapestry."



FREE DESIGN AND PRE-CONSTRUCTION SERVICE

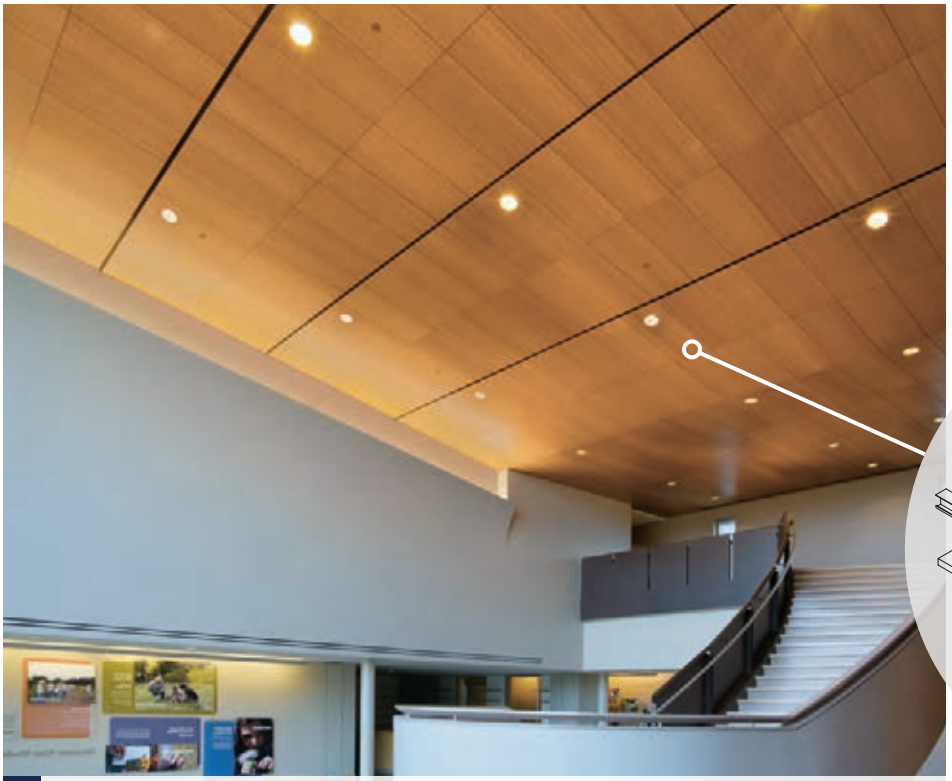
Your Resource for Inspiring Ceiling and Wall Systems

- Pre-construction assistance
- Installation recommendations
- Collaborative design
- Specifications
- Budgeting and planning

Contact us at 1 800 988 2685
or visit armstrong.com/youinspire

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solutions center

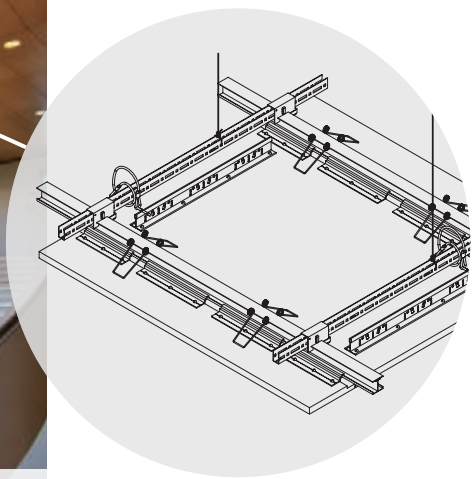
helping to bring your one-of-a-kind ideas to life



WoodWorks® Access™ Custom Flat Ceiling System in Maple; WoodWorks Wall System in Maple

KEY SELECTION ATTRIBUTES

- Provides full downward accessibility
- Panel options up to 16 SF
- Flat, radial, and curved panels available
- Acoustical options with perforated panels
- Meets requirements for seismic areas





WoodWorks Access Custom Curved Ceiling System in Quartered Maple

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

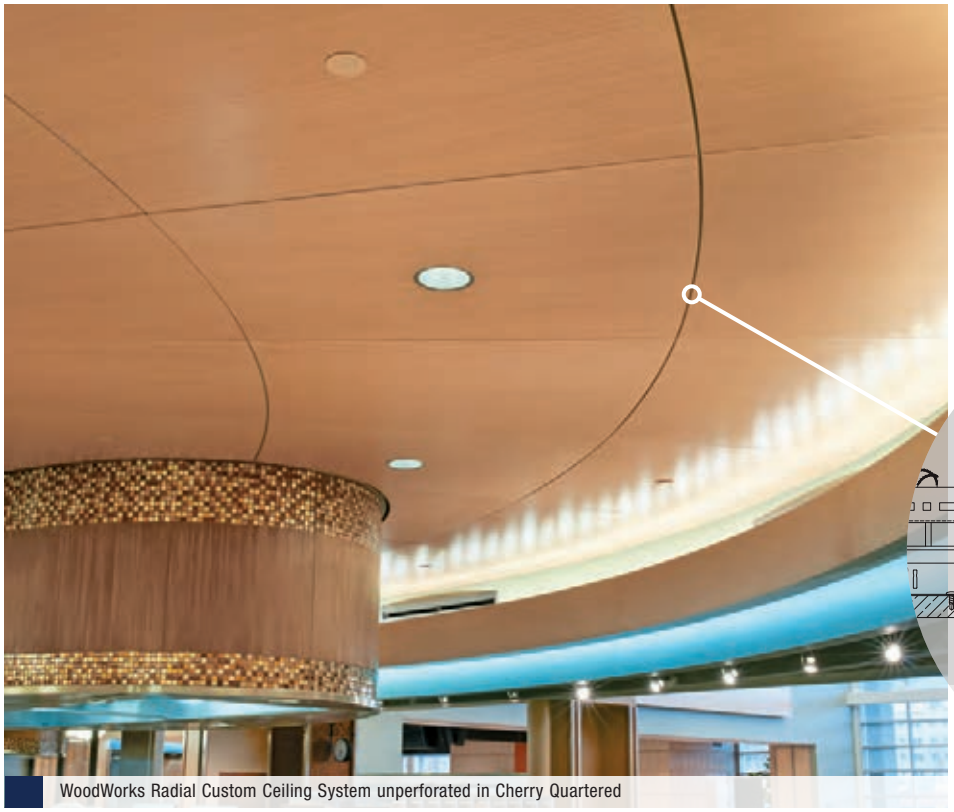


WoodWorks® Radial Custom Ceiling System in Reconstituted Wenge Graduated

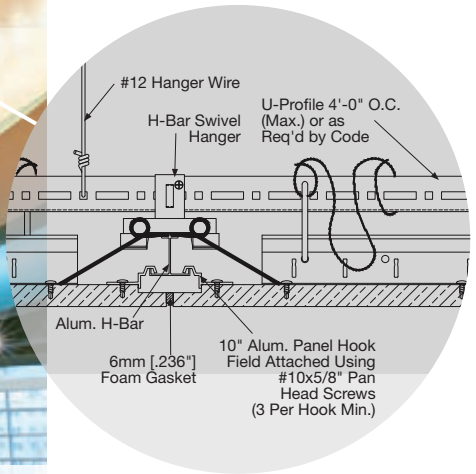
KEY SELECTION ATTRIBUTES

- Variety of trapezoidal sizes, up to 96" length, and up to 48" width
- Perforation options provide NRC 0.40 – 0.65 based on pattern and infill selected (see page 114)
- Engineered and tested for applications in seismic zones

Due to the non-standard dimensions, finishes, and performance features for custom WoodWorks systems, please visit our web site at armstrong.com/woodworks or call TechLine at 1 877 ARMSTRONG.



WoodWorks Radial Custom Ceiling System unperforated in Cherry Quartered



you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life



WoodWorks® Custom Ceilings and WoodWorks Custom Walls with custom perforation in custom Cherry finish



WoodWorks® Custom Ceiling System unperforated in White Maple with Clear Satin finish

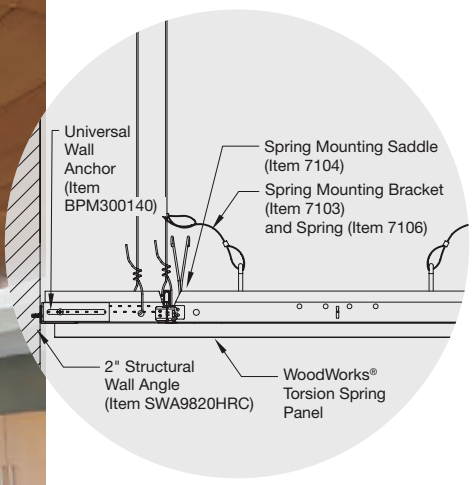
you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life



WoodWorks® Torsion Spring in custom finish

KEY SELECTION ATTRIBUTES

- Monolithic visual in rectangular and radial
- Large-size panel options up to 16 SF
- Available in standard and custom WoodWorks visuals and a variety of perforations for aesthetic and acoustical needs
- All system components available through a single source
- Accessible system, seismic tested and approved



translucent materials

Infusions® 48" x 72" lay-in panels in Blue Arbor
Armstrong World Industries

INFUSIONS® Panels and Sheets

Lay-in
smooth texture



Infusions 24" x 24" Lay-in Panels in Crystalline Focus



Visit Armstrong.com Photo Gallery to view more installation photos
SEARCH: infusions

Translucent ceiling panels are available in multiple sizes, colors, and patterns.

KEY SELECTION ATTRIBUTES

- Dimensions – Splash, Large, and Small Beads create a 3D look with a unique honeycomb core
- Coordinate with Armstrong® Infusions™ Walls and Partitions, Infusions® Blades™ vertical elements, Infusions Shapes and Canopies, SoundScapes® Shapes panels and Blades™ vertical elements, Create!™ ceiling panels, or other interior finishes
- 18" x 18" Infusions Lay-in infill panels now available for Metaphors® Coffers; for details, see pages 207-208
- Lay-in panels install quickly and easily in standard 15/16" Prelude® XL® or 9/16" Suprafine® XL® suspension system
- Infusions ceiling systems offer the industry's highest fire performance; panels meet both the Class A and IBC drop-out requirements for fire performance (drop-out tested to withstand 200º temperatures for 30 minutes)
- Can be used in Formations™ Accent Clouds
- 48" x 72" Polycarbonate and 48" x 96" PETG sheets available for use on other areas of a project like desk or bar fronts, dividers or wall art that must coordinate with Armstrong® Infusions® products

DETAIL





1. Infusions Lay-in
2. Infusions Lay-in with 15/16" Prelude suspension system

For: Infusions Blades see pages 53-54
Infusions Shapes see pages 33-34
Infusions Canopies see pages 31-32
Infusions Wings see page 35
Infusions Partitions see page 346
Infusions Walls see pages 347-348

INFUSIONS® Panels and Sheets

Lay-in
smooth texture

COLOR SELECTION – SOLIDS Due to printing limitations, shade may vary from actual product.


Cultured Pearl
(TCP)


Inspiration Ice
(TNC)

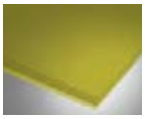

Calm Water
(TCW)


Natural Faith
(TNF)


Loyalty Latte
(TLL)

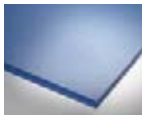

Caribbean Renewal
(TAR)


Sage Happiness
(TSH)

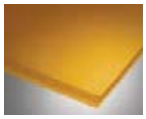

Budding Creativity
(TBD)

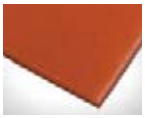

Tranquility Teal
(TTT)


Peace Blue
(TPB)

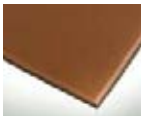

Sheer Iris
(TSI)


Blueberry Bliss
(TBB)

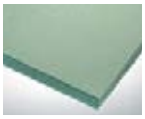

Saffron Energy
(TSE)

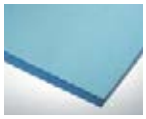

Sedona Spirit
(TSS)


Red Fire
(TRF)


Cinnamon Sanity
(TCS)

SoundScapes® Coordinating Colors

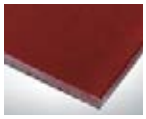

Refined Kiwi
(TRK)

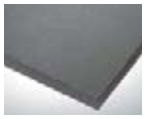

Refined Reef
(TRR)


Refined Lagoon
(TRL)


Refined Plum
(TRP)


Refined Tangerine
(TRT)


Refined Cranberry
(TRC)


Refined Black
(TRB)



Infusions® 24" x 24" lay-in panels in Indigo Surf on Prelude® XL® suspension system

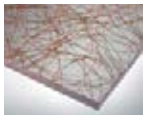
INFUSIONS® Panels and Sheets

Lay-in
smooth texture

COLOR SELECTION – PATTERNS Due to printing limitations, shade may vary from actual product.

Goldtones


Honey Canvas (THC)


Spun Copper (TSC)


Crushed Copper (TCC)

Linens


Linen Gold (TLG)


Natural Linen (TNL)*†


Blue Linen (TBL)*†

Crystallines


Crystalline Focus (TCR)


Crystalline Silverado (TSV)


Crystalline Sky (TSY)

Tones-on-tones


White Circlets (TWC)


Silver Orbit (TSR)


Indigo Surf (TNS)

Arbors

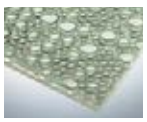

Clear Arbor (TCA)

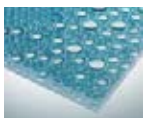

Blue Arbor (TBA)

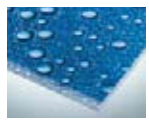

Orange Arbor (TOA)


Red Arbor (TRA)

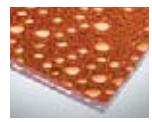
COLOR SELECTION – DIMENSIONS PATTERNS†

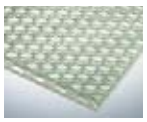

Splash Kiwi (FZTRK)

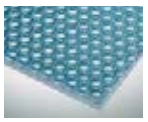

Splash Reef (FZTRR)

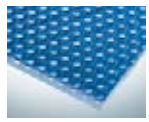

Splash Lagoon (FZTRL)


Splash Plum (FZTRP)

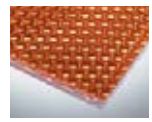

Splash Tangerine (FZTRT)


Beads Large Kiwi (FLTRK)

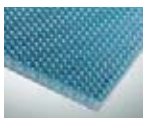

Beads Large Reef (FLTRR)


Beads Large Lagoon (FLTRL)

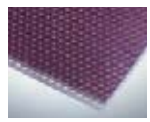

Beads Large Plum (FLTRP)

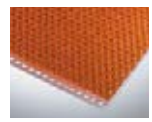

Beads Large Tangerine (FLTRT)


Beads Small Kiwi (FSTRK)


Beads Small Reef (FSTRR)


Beads Small Lagoon (FSTRL)


Beads Small Plum (FSTRP)


Beads Small Tangerine (FSTRT)

NOTES: Dimensions patterns are only available as 12" x 48" and 24" x 24" lay-in ceiling panels.
Direction of linear patterns may change between panel sizes.
* Color may vary panel-to-panel
† Not available in sheets

INFUSIONS® Panels and Sheets

Lay-in
smooth texture

PANEL SELECTION

PERFORMANCE

Item No.◆	Dimensions (Inches)	Fire Rating	Warranty (No. of Years)
INFUSIONS® Lay-in Panels			
5911_ _ _◆	12 x 48 x 1/8"	Class A	1-Yr
5922_ _ _◆	24 x 24 x 1/8"	Class A	1-Yr
5912_ _ _◆	24 x 48 x 1/4"	Class A	1-Yr
5913_ _ _◆	24 x 72 x 1/4"	Class A	1-Yr
INFUSIONS Lay-in Panels – Dimensions Patterns			
5914_ _ _ _ _◆	12 x 48 x 0.44"	Class A	1-Yr
5915_ _ _ _ _◆	24 x 24 x 0.44"	Class A	1-Yr
INFUSIONS Sheets (not used for ceiling applications)			
5976_ _ _◆	48 x 72 x 1/4"	Class A	1-Yr
5978_ _ _◆	48 x 96 x 1/4"	Class A	1-Yr

Note: Red Arbor, Blue Arbor, Cultured Pearl, and Inspiration Ice are available in 1/4" thickness only for 12" x 48" and 24" x 24" sizes.
For information about 18" x 18" Infusions Lay-in infill panels for Metaphors® Coffers, see pages 207-208.

◆When specifying or ordering, include the appropriate 3- or 5-letter color suffix. (Example: 5911 T C R , 5914 F Z T R K)

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Suprafine®

PHYSICAL DATA

Material
Polycarbonate (Dimensions panels – PETG and polycarbonate)

Surface Finish
Smooth

Fire Performance
Infusions panels have been tested according to NFPA 286 and are equivalent to Class A interior finish as defined by the International Building Code.

Designers and Installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Contact TechLine at 1 877 ARMSTRONG for specific US and Canadian fire performance data.

Design Considerations
Direction of linear patterns may change between panel sizes.
Infusions panels are not approved for exterior application.

Natural Linen and Blue Linen colors may vary panel to panel.

Installation Considerations
Do not allow panel edges to get wet.

Panels may be cut for borders, perimeter treatments, penetrations, and cutouts. For penetrations such as sprinklers, use an escutcheon plate to hide any rough cut edges. Any fixtures used in or adjacent to field-cut Infusions panels must be independently supported. There is potential for limited natural deflection of panels. See LA-297176 at armstrong.com/infusions for cutting recommendations.

Panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F.

Follow these guidelines for minimum distance from standard light sources.

LAMP TYPE	LABEL WATTAGE	MINIMUM DISTANCE
Halogen FL XL PAR 30	60	14"
Incandescent Bulb	120	15"
Quartz Halogen Work Light	500	23"

Additional light transmission information is available at armstrong.com/infusions

Warranty
One (1) year limited warranty.
Details at armstrong.com/warranty

Weight; Pieces/Carton
Items 5911, 5922 – 0.80 lbs/SF
Items 5912, 5913 – 1.63 lbs/SF
Items 5911, 5922 – 6 pcs/ctn
Item 5912 – 3 pcs/ctn
Item 5913 – 2 pcs/ctn
Items 5914, 5915 – 2.625 lbs/SF
Item 5914 – 4 pcs/ctn
Item 5976 – 1.63 lbs/SF
Item 5978 – 2.08 lbs/SF
Bulk package per order

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/infusions
(search: infusions panels)
BPCS-5122-1215

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You Can Use Mineral Fiber or Fiberglass Ceilings to Enhance Design and Acoustical Performance

NRC + CAC = Total Acoustics

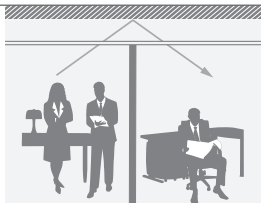
Total Acoustics™ ceilings have an ideal combination of noise reduction and sound-blocking performance in one panel with a minimum NRC of 0.60 and CAC of 35. Now, whether you're creating a space for quiet concentration, collaboration, or confidentiality, one panel meets the needs for today's flexible spaces.

NRC (Noise Reduction Coefficient)



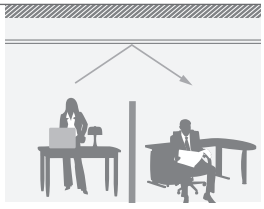
A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. A ceiling system with an NRC < 0.50 is considered low performance, whereas one with NRC > 0.70 is considered high performance. NRC is important in any closed space where reverberation time and noise levels are an issue, and in open spaces used for both focus work and collaboration.

CAC (Ceiling Attenuation Class)



A measure for rating the performance of a ceiling system as a barrier to airborne sound transmission through a common plenum between adjacent closed spaces, such as offices. A ceiling system with a CAC < 25 is considered low performance, whereas one with CAC > 35 is considered high performance. CAC is important between closed spaces and from closed rooms to adjacent spaces, such as corridors and open office spaces.

AC (Articulation Class)



In an open office space, where your primary need is to control reflected speech and you are not selecting a ceiling with Total Acoustics™ performance, an AC above 180 should be considered.

AC is important between adjacent cubicles in open plan spaces. AC is a measure for rating the attenuation of reflected speech passing over the top of wall partitions or furniture into the adjoining work stations. A ceiling system with AC < 150 is considered low performance, whereas one with AC > 180 is considered high performance.

OPEN OFFICE USED FOR FOCUS AND COLLABORATION 5,000 SF Exposed Structure (50' x 100'), 15' to deck, drywall with windows on two sides, commercial carpet (8' x 8' work station & RC35)	No Treatment Exposed Structure (0% Coverage)	Continuous Ceiling Suspended 60" Below Deck (100% Coverage)		
		Ultima® High NRC Panels	Calla™ Panels	Optima® Panels
		Total Acoustics NRC & CAC		
NRC	0.00	0.80	0.85	0.90
CAC	0	35	32	26
Reverberation Time (RT)	3.4 sec	0.6 sec	0.6 sec	0.5 sec
RT Improvement	ref	82%	82%	86%
SPL Reduction (dB)	ref	-5 dB	-6 dB	-6 dB
Privacy Index (60" partition height)	48%	59%	60%	61%

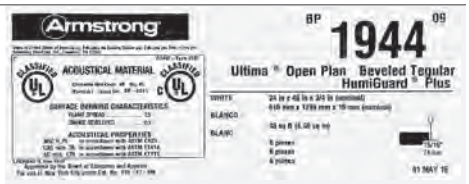
CLOSED OFFICE USED FOR PRIVACY (14' x 14', drywall, carpet) (RC30)	Drywall Ceiling Suspended 60" Below deck (100% Coverage)	Continuous Ceiling Suspended 60" Below Deck (100% Coverage)		
		Ultima® Panels	Ultima® High NRC Panels	Calla™ Panels
		Total Acoustics NRC & CAC	Total Acoustics NRC & CAC	
NRC	0.00	0.70	0.80	0.85
CAC	50	35	35	32
Reverberation Time (RT)	1.3 sec	0.5 sec	0.4 sec	0.4 sec
Privacy Index	98%	98%	98%	97%

For definitions of acoustical terms, see pages 359-360 in this catalog.

Be Sure You Get the Acoustic Values You Specify

UL Classified Acoustics Since 1998

Armstrong carries UL Classification for precise acoustical compliance for three acoustical categories – NRC, CAC, and AC. As the industry leaders, Armstrong and UL teamed up in 1998 to create this new classification to ensure more reliability in reporting and specifying product acoustical performance.



This label appears on cartons of Armstrong UL Classified acoustical ceilings. Armstrong certifies that the material in the carton meets published values, not merely that a similar batch of material met these values at some point in the past.

This Icon identifies Armstrong UL Classified Acoustical ceilings – the assurance of reliable performance in every ceiling panel. Be sure any panel you choose has certified performance, or you may not get what you pay for.

mineral fiber/fiberglass

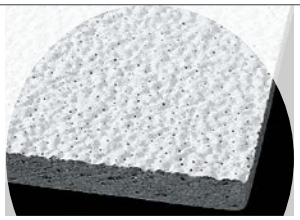


Calla™ ceiling panels with Suprafine® 9/16" suspension system in Blizzard White; Beverage Company, Purchase, NY
Granoff Architects, PC, Greenwich, CT

MINERAL FIBER AND FIBERGLASS
At-a-Glance

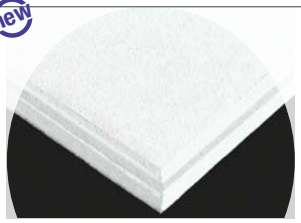
Look for this icon indicating new products or new additions to product families. Visit our web site for details.

MINERAL FIBER Product information listed pertains to product families, and may not apply to individual items. Consult product details at armstrong.com/commceilings before specifying/purchasing.



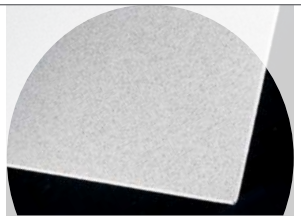
ARMATUFF®

$$$ pg. 154



CALLA™

pgs. 155-156



CANYON™

$$$$ pgs. 156A-156B



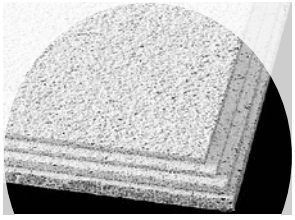
CERAMAGUARD®
CERAMAGUARD® Fine Fissured™

$$$$ pgs. 157-158



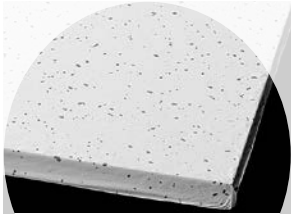
CIRRUS®
CIRRUS® High-NRC
CIRRUS® Second Look®

$$ pgs. 159-164, 167-168



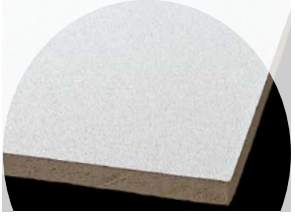
CIRRUS® Profiles

$$$ pgs. 165-166



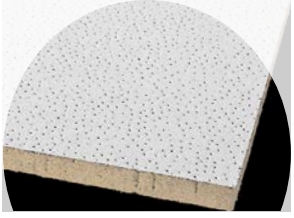
Clean Room™ FL

$$$$ pgs. 171-172



CLEAN ROOM™ VL

$$ pgs. 171-172



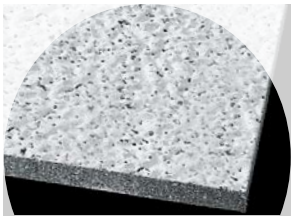
VL

$$ pgs. 171-172



CORTEGA®
CORTEGA® Second Look®

$ pgs. 173-174



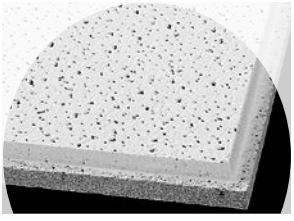
DESIGNER™

$ pg. 178



DUNE™
DUNE™ Second Look®

$ pgs. 179-181



FINE FISSURED™
FINE FISSURED Second Look®

$ pgs. 182-189



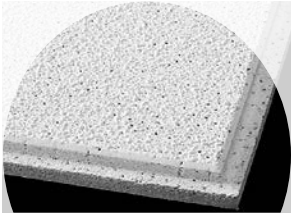
FINE FISSURED™ High-NRC

$$ pgs. 183-188



FISSURED™

$ pg. 190



GEORGIAN™

$ pgs. 191-192

FastSize™ Ceiling Panels The sizes you need… factory finished… one carton minimums… shipped fast! Available in select Cirrus®, Optima®, Optima® Capz™, and Ultima® panels. See "Item No." column on product pages for size availability. FastSize, other sizes, and colors not UL Classified for acoustics. HRC products not available in FastSize.

MINERAL FIBER (continued)



GEORGIAN™ High Washability

$

pgs. 191-192

new



KITCHEN ZONE™

$$

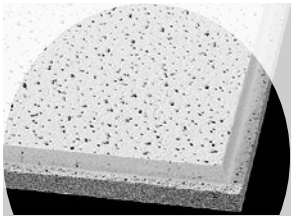
pgs. 195-196



MESA™
MESA™ Second Look® II

CAC $$

pgs. 205-206



School Zone® FINE FISSURED™
School Zone® GEORGIAN™

NRC CAC $

pgs. 227-228



TUNDRA®

$$

pgs. 231-232

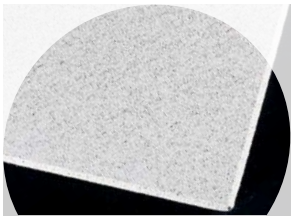


FS

ULTIMA®
ULTIMA with AirGuard™ Coating

NRC $$$

pgs. 233-238



ULTIMA® Health Zone™

NRC $$$

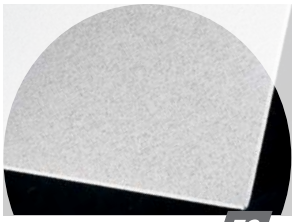
pgs. 241-244



ULTIMA® High NRC

NRC CAC AC $$$

pgs. 233-238



FS

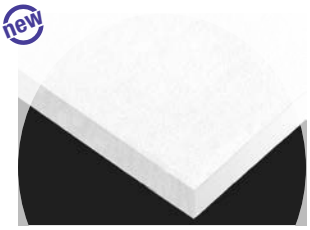
ULTIMA® Vector®

NRC $$$

pgs. 239-240

FIBERGLASS

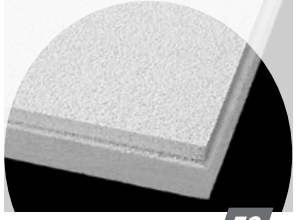
new



LYRA™
LYRA™ High CAC

NRC CAC $$$$

pgs. 199-204

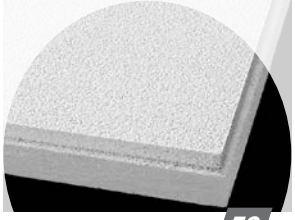


FS

OPTIMA® Concealed

NRC AC $$$$

pgs. 208A-208B



FS

OPTIMA®

NRC AC $$$

pgs. 209-216

ICON KEY

Icons are used throughout the catalog to help you quickly identify key product attributes.

High Acoustics

NRC Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

AC Product has AC (Articulation Class) 170 or greater.

CAC Product has CAC (Ceiling Attenuation Class) of 35 or higher.

Fire Performance

Fire Guard™/Fire Resistive products tested in specific UL floor/ceiling or roof/ceiling design assemblies.

Seismic

DEF Category D, E & F

High Light Reflectance

Light reflectance average of 0.83 or greater. White only.

BioBlock®

Inhibits or retards growth of mold and mildew.

Humidity/Sag Resistance

HumiGuard® Max

Maximum humidity resistance, including outdoor applications.

HumiGuard Plus

Superior sag resistance, recommended for areas subject to high humidity, up to standing water and outdoor applications.

Standard

Standard performance, adequate where the building is enclosed and the HVAC is continually functioning.

High Durability

Water-Repellent

Product resists water for 15 minutes allowing proper cleaning for infection control.

Washability

Offers superior wash resistance without compromising panel finish integrity, using a washability tester as per ASTM D4828.

Scrubbability

Withstands up to 150 scrub cycles using a scrubbability tester as per ASTM D2486.

Impact Resistance

Excellent resistance to surface impact as per striking ball test.

Scratch Resistance

Excellent resistance to surface scratching, scuffing or chipping as per Hess Rake Test.

Soil Resistance

Excellent resistance to dirt and/or grease; for lasting value and performance as per simulated air diffuser soiling test.

Plenum Access

Downward access for panels minimizes panel damage.

Color Availability

Available in color.

Recycle Program

Product is recyclable through the Armstrong Recycling Program.

Ceiling-2-Ceiling™ post-consumer recycled content from reclaimed ceilings. Not available in FastSize or Other Sizes.

Relative Pricing

(Mineral Fiber / Fiberglass)

$$$$

Installed cost guidelines. Varies by geography. Contact your local representative or distributor for specific pricing in your area.

1 $ = lowest pricing 4 $s = highest

MINERAL FIBER AND FIBERGLASS
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

FIBERGLASS



OPTIMA® with Plant-Based Binder

NRC AC $$$

pgs. 209-216

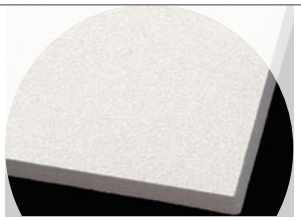


OPTIMA® Vector® OPTIMA Vector with Plant-Based Binder

FS

NRC AC $$$$

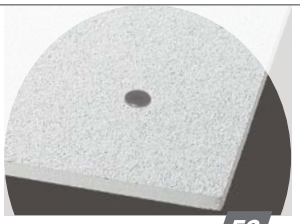
pgs. 217-218



OPTIMA® Health Zone™

NRC AC $$$$

pgs. 219-220



OPTIMA® Capz™ SPECTRA™ Capz™

FS

NRC AC $$$$

pgs. 15-16

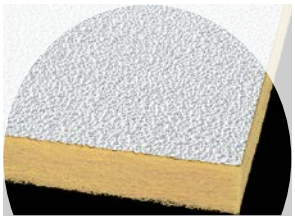
(featured in Canopies and Clouds)



PAINTED NUBBY™

NRC AC $$$

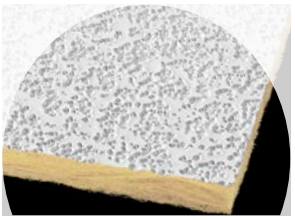
pgs. 221-222



PEBBLE™

NRC $

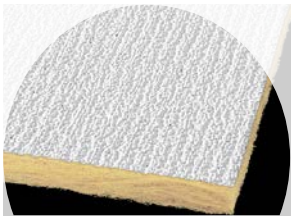
pgs. 223-224



RANDOM FISSURED™

NRC $

pg. 225



SHASTA®

NRC $

pg. 226

CUSTOM AND NON-STANDARD OPTIONS

new



ALTITUDES™ Torsion Spring

NRC DEF $$$

pg. 245



FastSize™ Panels

$

pg. 246



OPTIMA Radial

$$

pgs. 247-248

COFFERS



METAPHORS®

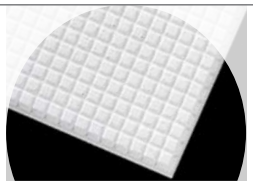
$$$$

pgs. 207-208

MINERAL FIBER CEILINGS – DESIGN OPTIONS
At-a-Glance

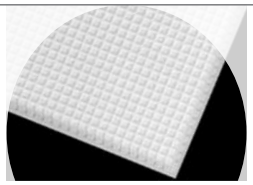
you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

GEOMETRIC DESIGNS



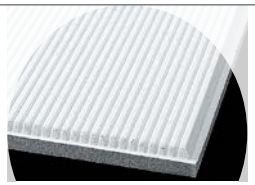
GRAPHIS® Finetex™ Cubic

$$$$ pgs. 193-194



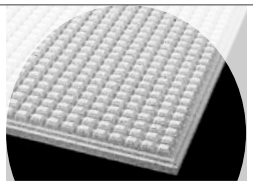
GRAPHIS® Finetex™ NeoCubic™

$$$$ pgs. 193-194



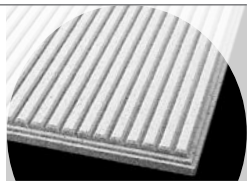
GRAPHIS® Finetex™ Wrapped Linear™

$$$$ pgs. 193-194



GRAPHIS® Rustex™ Cubic Beveled

$$$$ pgs. 193-194



GRAPHIS® Rustex™ Linear Beveled

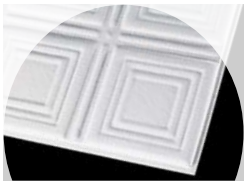
$$$$ pgs. 193-194

TIN LOOKS



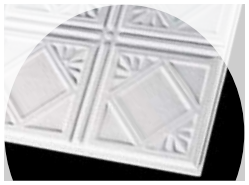
TINCRAFT™ Circles with Faux Coat Finish

$$$$ pgs. 229-230



TINCRAFT™ Squares™

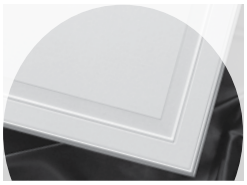
$$$$ pgs. 229-230



TINCRAFT™ Triangles™

$$$$ pgs. 229-230

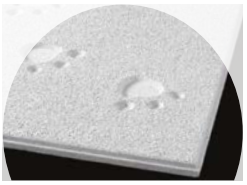
PANELLED LOOK



LEDGES®

$$$$ pgs. 197-198

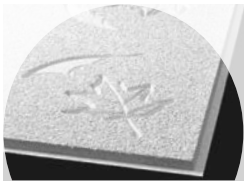
ETCHED DESIGNS



CIRRUS® Themes™ Critters™

$$$$

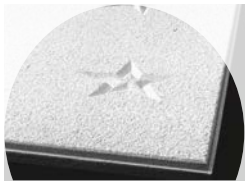
pgs. 169-170



CIRRUS® Themes™ Leaves™

$$$$

pgs. 169-170



CIRRUS® Themes™ Stars™

$$$$

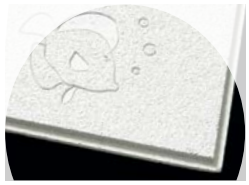
pgs. 169-170



CIRRUS® Themes™ Things That Fly™

$$$$

pgs. 169-170



CIRRUS® Themes™ Under the Sea™

$$$$

pgs. 169-170

SCORED DESIGNS



Second Look® I – CIRRUS®, CORTEGA® DUNE™, and FINE FISSURED™

$$ pgs. 167-168, 173-174, 181, 189



Second Look® II – CIRRUS®, CORTEGA®, DUNE™, FINE FISSURED™, and MESA™

$$ pgs. 167-168, 173-174, 181, 189



Second Look® III – CIRRUS®, FINE FISSURED™

$$ pgs. 167-168, 173-174, 181, 189

DIFFUSERS



Sound Diffusers

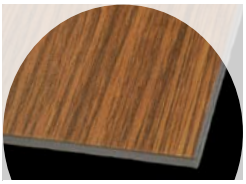
pg. 339

(featured in Walls)

MINERAL FIBER CEILINGS – PRINTED OR PAINTED COLORS AND IMAGES
At-a-Glance

CREATE!™ PRINTED IMAGES

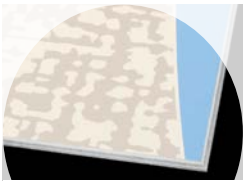
WOOD LOOKS



ULTIMA® Health Zone™ Create!™

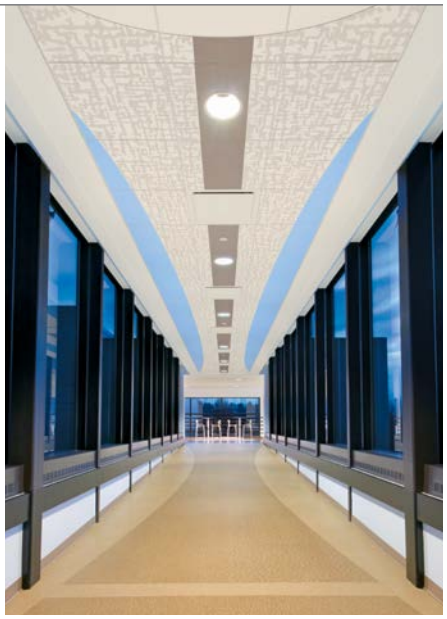
$$$$ pgs. 241-244

PRINTED IMAGES



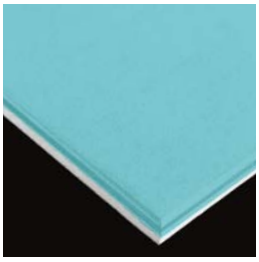
ULTIMA®, ULTIMA Health Zone™ and OPTIMA® Create!™

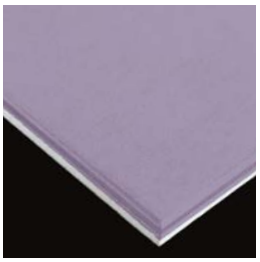
$$$$ pgs. 233-238, 241-244, 209-216



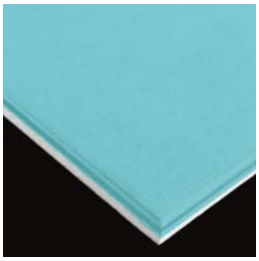
COLORATIONS™ PAINTED FINISHES

14 Standard Colors (see below) Custom

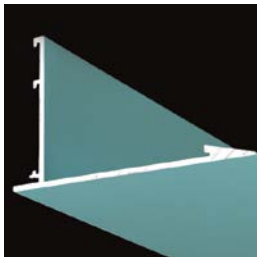


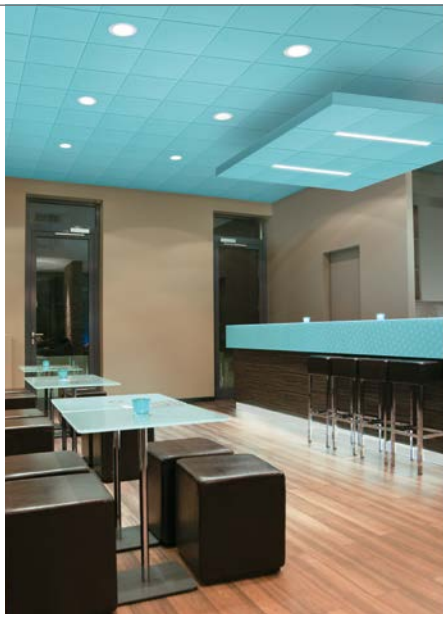


COLORATIONS INTEGRATED COLOR – PANELS, SUSPENSION SYSTEMS, AND TRIM









Look for Colorations standard colors translated on SoundScapes® Canopies, SoundScapes® Shapes, SoundScapes® Blades™, and Infusions® Accent Canopies.

COLORATIONS™ COLORS

Due to printing limitations, shade may vary from actual product.

White (WH) · Shell (SH) · Pale Lemon (LM) · Pecan (PC) · Sky (SK) · Moss (MS) · Stone (SE) · Reef (RE) · Lagoon (LA) · Plum (PM) · Cranberry (CN) · Kiwi (KW) · Tangerine (TG) · Black (BK) · Made-to-order Sherwin-Williams® Colors Available

Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

ARMATUFF®

Square Lay-in
coarse texture

UP TO 40% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

$$$$



Armatuff® panels with Prelude® 15/16" suspension system (Pgs. 279-280)

A coarse-textured visual strong enough to withstand impact from non-deliberate contact

KEY SELECTION ATTRIBUTES

- Durable
  Impact-resistant
  Scratch-resistant
- Can be installed before building is enclosed
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Corridors
- Locker rooms
- Auditoriums
- Gymnasiums
- Cafetoriums/multipurpose rooms

Armatuff damage-resistant panels will withstand impact from non-deliberate contact with volleyballs and basketballs normally found in gymnasium activities. The Retention Clips allow the panels to deflect slightly, absorbing the force of the impact, while still providing a mechanism to prevent the panels from being dislodged from the suspension system.

COLOR

White

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Impact (Durability)	Scratch (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
ARMATUFF																
15/16" Square Lay-in	1	**861**	24 x 24 x 3/4"	0.50	33	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	1	**860**	24 x 48 x 3/4"	0.50	35 •	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	1	**Other Size Panels**	W: 6" – 30" / L: 12" – 50" 3/4" Thick	N/A	N/A	–	Class A	0.87 •	•	•	–	•	•	Std	•	•

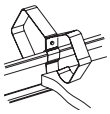
[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"

Prelude

ACCESSORIES



414 - Retention Clip (ordered separately)
Attaches to main beams and cross tees behind lay-in ceilings; helps prevent panel displacement from non-deliberate contact by basketballs and other forces from below the ceiling.

PHYSICAL DATA

Material
Wet-formed high-density mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

Insulation Value
R Factor – 1.7 (BTU units)
R Factor – 0.30 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
860 – 1.13 lbs/SF; 64 SF/ctn
861 – 1.23 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
861M, 860M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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All other trademarks used herein are the property of AWI Licensing Company and/or its affiliates © 2015 AWI Licensing Company
Printed in the United States of America

CALLA™

Square Lay-in, Tegular
smooth texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY



Calla™ Square Tegular panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: calla

The smoothest finish mineral fiber ceiling available with Total Acoustics™ performance – excellent noise reduction and sound blocking in one product.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics ceiling panels: NRC + CAC = Total Acoustics performance
- Available in 14 standard Colorations™ colors with coordinating suspension systems and trim. Made-to-order Sherwin-Williams® colors available.
- Excellent combination of acoustical performance; NRC (0.85), AC (170), and CAC (35) (White only)
- USDA Certified Biobased Product – 59%
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Recycling Program
- Compatible with the TechZone® Ceiling Systems (White only)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and focus; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLORATIONS COLORS

Due to printing limitations, shade may vary from actual product.

White (WH) | Shell (SH) | Pale Lemon (LM) | Pecan (PC) | Sky (SK) | Moss (MS) | Stone (SE) | Reef (RE) | Lagoon (LA) | Plum (PM) | Cranberry (CN) | Kiwi (KW) | Tangerine (TG) | Black (BK) | Made-to-order Sherwin-Williams® Colors Available

DETAILS

(Other Suspension Systems compatible. Refer to listing on page 156.)



1. Calla Square Tegular
2. Calla Square Lay-in
3. Calla Square Tegular with Suprafine 9/16" suspension system

CALLA™

Square Lay-in, Tegular smooth texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 59%

UP TO 77% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics: NRC	CAC	Total Acoustics[1]: NRC+CAC	Articulation Class: AC	Fire Rating	Light Reflect (White Only)	Anti-Mold & Mildew: Bio-Block	Sag Resist: Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
CALLA™ Square Lay-in																			
15/16" Square Lay-in	1	**2820**	24 x 24 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•
	1	**2821**	24 x 48 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•
CALLA Tegular																			
15/16" Square Tegular	8	**2822**	24 x 24 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•
	8	**2823**	24 x 48 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•
9/16" Square Tegular	43, 47, 26, 51, 56	**2824__**◆◆	24 x 24 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•
	43, 47, 26, 51, 56	**2825**	24 x 48 x 1"	0.85 •	35 •	**BEST**	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

◆◆ Available in Colorations™ Standard colors. When specifying or ordering Colorations, add the 2-letter suffix to the end of the item number (e.g., 2824LA – Lagoon)

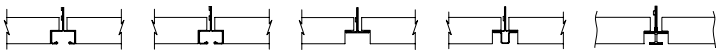
SUSPENSION SYSTEMS

15/16"



Prelude® XL®

9/16"



Silhouette® XL® 1/4" Reveal | Silhouette XL 1/8" Reveal | Suprafine® | Interlude® XL® HRC | Sonata® XL®

PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Design Considerations
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
2820, 2822, 2824 – 1.0 lbs/SF; 40 SF/ctn
2821, 2823, 2825 – 1.0 lbs/SF; 48 SF/ctn

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: calla)
BPCS-4722-915

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CANYON™

Square Lay-in & Tegular
smooth texture

TOTAL ACOUSTICS™



Canyon™ Square Lay-in panels with Prelude® XL® 15/16" suspension system (Pgs. 279-280)

Smooth finish, mineral fiber ceiling panel with Total Acoustics™ performance.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics ceiling panels: NRC + CAC = Total Acoustics performance
- Smooth, White surface
- Good combination of acoustical performance; NRC (0.60) and CAC (35)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

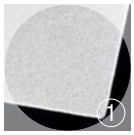
TYPICAL APPLICATIONS

- Offices/conference rooms
- Lobbies/reception areas
- Computer rooms
- Auditoriums

COLORS

White
(WH)

DETAIL (Other suspension systems compatible as noted above)





1. Canyon Square Lay-in
2. Canyon Square Lay-in with Prelude XL 15/16" suspension system

CANYON™

Square Lay-in & Tegular
smooth texture

TOTAL ACOUSTICS™

UP TO 44% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. ✓ | biobased materials | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Suspension Detail Dwg. Pgs. 295-299	Item No.	Dimensions (Inches)	
CANYON Square Lay-in & Tegular				
15/16" Square Lay-in	1	**1490**	24 x 24 x 5/8"	□
	1	**1491**	24 x 48 x 5/8"	▭
15/16" Beveled Tegular	15	**1492**	24 x 24 x 5/8"	□
	15	**1493**	24 x 48 x 5/8"	▭
9/16" Beveled Tegular	44, 48, 29, 52, 56	**1494**	24 x 24 x 5/8"	□
	44, 48, 29, 52, 56	**1495**	24 x 48 x 5/8"	▭

PERFORMANCE SELECTION

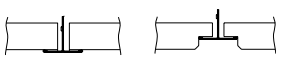
Dots represent high level of performance. $$$$

UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•
0.60	35 •	GOOD	Class A	0.80	•	•	•	Std	Std	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

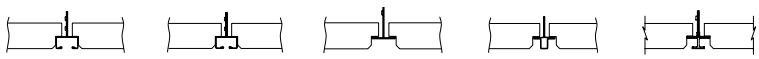
SUSPENSION SYSTEMS

15/16"



Prelude® XL®

9/16"



Silhouette® XL® 1/4" Reveal | Silhouette XL 1/8" Reveal | Suprafine® | Interlude® XL® HRC | Sonata® XL®

PHYSICAL DATA

Material
Mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing performed on Silhouette® suspension system

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty†
When installed with Armstrong Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
0.76 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton

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CERAMAGUARD®/ CERAMAGUARD® FINE FISSURED™

Square Lay-in
medium texture

10-YEAR REPLACEMENT PANEL AVAILABILITY

605, 607, 608

Perforated

Unperforated



Ceramaguard® panels with Prelude® Plus XL® Fire Guard™ 15/16" suspension system (Pg. 277)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: ceramaguard

This is a non-directional ceiling panel for special application areas prone to moisture.

KEY SELECTION ATTRIBUTES

- Inorganic product. Resistant to the growth of mold and mildew
- Durable – Washable, Scrubbable, Soil-resistant
- Resistance to chemical fumes
- Non-directional visual reduces scrap and installation time
- Superior resistance to sagging in high humidity conditions including standing water and outdoor applications
- 30-Year Limited System Warranty against visible sag and mold and mildew

TYPICAL APPLICATIONS

- Laboratories
- Locker rooms/indoor pools
- Hydrotherapy/shower areas
- Food preparation areas (unperforated only)
- Exterior soffits/canopies
- Indoor parking garages
- Marine use (See note under "Application Considerations")

COLOR

White

DETAILS





1. Ceramaguard Square Lay-in
2. Ceramaguard with Prelude® Plus XL® 15/16" suspension system

CERAMAGUARD®/ CERAMAGUARD® FINE FISSURED™

Square Lay-in
medium texture

UP TO 37% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Wash (Durability)	Scrub (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
CERAMAGUARD® – Unperforated																	
15/16" Square Lay-in	1	**605**	24 x 48 x 5/8"	N/A	40 •	–	Fire Guard™	0.88 •	•	•	•	•	•	•	Std	–	•
CERAMAGUARD® FINE FISSURED™ – Perforated																	
15/16" Square Lay-in	1	**607**	24 x 24 x 5/8"	0.55	38 •	–	Fire Guard	0.82	•	•	•	•	•	•	Std	–	•
	1	**608**	24 x 48 x 5/8"	0.55	40 •	–	Fire Guard	0.82	•	•	•	•	•	•	Std	–	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
* Plain pattern (unperforated) is not appropriate where aesthetics or visual consistency is important.

SUSPENSION SYSTEMS

15/16"

Prelude®, Prelude® Plus XL® Aluminum, Prelude XL Fire Guard, Prelude® Plus XL® Fire Guard™, Prelude Plus XL Stainless Steel, Prelude XL for Exterior Applications

PHYSICAL DATA

Material
Wet-formed ceramic and mineral fiber composite

Surface Finish
Scrubbable factory-applied plastic paint finish

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type XX (high density ceramic-like composition with scrubbable finish).
Pattern C E (items 607, 608);
Pattern G (item 605) Fire Class A

Humidity/Sag Resistance
HumiGuard® Max ceiling panels maintain maximum humidity and sag resistance, including outdoor applications.

Anti-Mold/Mildew
Ceramaguard panels inherently inhibit the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Insulation Value
R Factor — 1.4 (BTU units)
R Factor — 0.25 (Watts units)

Application Considerations
For outdoor soffits and canopies, wind uplift should be considered. Ceramaguard is non-combustible per ASTM E136 and ISO 1182. See USCG Approval 164.109/52/0 for marine applications in all waters.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
605, 608 – 1.52 lbs/SF; 48 SF/ctn
607 – 1.48 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
605M, 607M, and 608M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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CIRRUS®
CIRRUS® High NRC

Square Lay-in
medium texture

TOTAL ACOUSTICS™

Cirrus

Cirrus High NRC



Cirrus® Square Lay-in with Prelude® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: cirrus

This medium-textured ceiling panel offers Total Acoustics™ performance, excellent sound absorption, and blocking in one product.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Refined visual
- Excellent combination of acoustical performance NRC (up to 0.75) and CAC (35)
- High NRC items feature Articulation Class (170), helpful to control sound over wall partitions
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options:
  Items 574HRC and 533HRC.
  71% Pre-consumer;
  15% Post-consumer
- USDA Certified Biobased Product – 94%

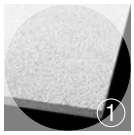
TYPICAL APPLICATIONS

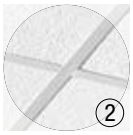
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – Assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Lobbies
- Public spaces/areas
- Department stores/retail

COLOR

White

DETAILS





1. Cirrus Square Lay-in
2. Cirrus Square Lay-in with Prelude 15/16" suspension system

CIRRUS®
CIRRUS® High NRC

Square Lay-in
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING™
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 86% RECYCLED CONTENT

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

▲ LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
CIRRUS® High NRC																
15/16" Square Lay-in	1	**563**	24 x 24 x 7/8"	0.75 •	35 •	BETTER	170 •	Class A	0.85 •	•	•	•	Std	•	•	•
	1	**565**	24 x 48 x 7/8"	0.75 •	35 •	BETTER	170 •	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
	1	**Other Size Panels**	W: 4" - 24" / L: 4" - 48" 7/8" thick	N/A	N/A	–	170 •	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
CIRRUS® Square Lay-in																
15/16" Square Lay-in	1	**574** **574HRC**	24 x 24 x 3/4" 24 x 24 x 3/4"	0.70 •	35 •	BETTER	–	Class A	0.86 •	•	•	•	Std	•	•	•
	1	**533** **533HRC**	24 x 48 x 3/4" 24 x 48 x 3/4"	0.70 •	35 •	BETTER	–	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr
	1	**FastSize™ Panels**	W: 4" - 24" / L: 4" - 48" 3/4" Thick	N/A	N/A	–	–	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in FastSize™ or other sizes.

FS FastSize: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

SUSPENSION SYSTEMS

15/16"



Prelude®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled.)

ASTM E1264 Classification
Type III, Form 1, Pattern E I
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes items 533, 533HRC, and large sizes.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Prelude XL suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
533, 565 – 1.21 lbs/SF; 48 SF/ctn
563 – 1.33 lbs/SF; 40 SF/ctn
574 – 1.10 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
574M, 533M, 563M, 565M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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CIRRUS®
CIRRUS® High NRC

Tegular
medium texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY
584, 589



Cirrus® Beveled Tegular panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: cirrus

Cirrus offers a medium-textured ceiling panel with excellent noise reduction and sound blocking for Total Acoustics™ performance in one product.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Refined visual
- Excellent combination of acoustical performance: NRC (up to 0.75) and CAC (35)
- High NRC items feature Articulation Class (170) helpful to control sound over wall partitions
- Ceiling-2-Ceiling™ post-consumer recycled content options. Items 589HRC, 539HRC, 584HRC, 535HRC. 71% pre-consumer; 15% post-consumer
- USDA Certified Biobased Product – 94%

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Conference rooms
- Lobbies
- Libraries/media centers
- Computer rooms

COLORS

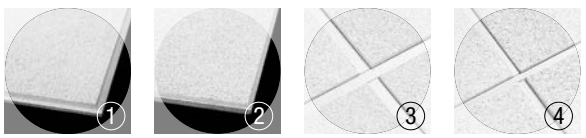
Due to printing limitations, shade may vary from actual product.

White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL)

Items 584, 589 are available in colors.
All other items are available in White only.
Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

DETAILS

(Other Suspension Systems compatible. Refer to listing on page 162.)



1. Cirrus Angled Tegular
2. Cirrus Beveled Tegular
3. Cirrus Angled Tegular with Prelude® 15/16" suspension system
4. Cirrus Beveled Tegular with Suprafine 9/16" suspension system

CIRRUS®
CIRRUS® High NRC

Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

UP TO 86% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
CIRRUS® High NRC																
15/16" Angled Tegular	13	**556**	24 x 24 x 7/8"	0.75 •	35 •	**BETTER**	170 •	Class A	0.85 •	•	•	•	Std	•	•	•
	13	**551**	24 x 48 x 7/8"	0.75 •	35 •	**BETTER**	170 •	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
	13	**Other Size Panels**	W: 4" - 24" / L: 4" - 48" 7/8" thick	N/A	N/A	–	N/A	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**558**	24 x 24 x 7/8"	0.75 •	35 •	**BETTER**	170 •	Class A	0.85 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**568**	24 x 48 x 7/8"	0.75 •	35 •	**BETTER**	170 •	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 4" - 24" / L: 4" - 48" 7/8" thick	N/A	N/A	–	N/A	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Silhouette® 1/4" Reveal; Silhouette 1/8" Reveal; Suprafine® Suprafine XL Fire Guard; Interlude®; Sonata®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 1, Pattern E I
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
551 – 1.21 lbs/SF; 48 SF/ctn
556, 558 – 1.50 lbs/SF; 40 SF/ctn
568 – 1.25 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
551M, 558M, 568M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

LEED® is a registered trademark of the US Green Building Council

CIRRUS®
CIRRUS® High NRC

Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 94%

CLOSED LOOP RECYCLED CONTENT CEILING-2-CEILING™
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 73% RECYCLED CONTENT

LEED® energy management, construction waste mgmt, regional materials, design for flexibility, EPD, recyclable/extended producer resp., biobased materials, recycled content, sourcing of raw materials, material ingredient reporting, low emitting/materials, lighting quality, acoustics

LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
CIRRUS® Tegular																
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**589_ _**◆◆ **589HRC** **589M**	24 x 24 x 3/4" ☐ 24 x 24 x 3/4" 600 x 600 x 19mm	0.70 •	35* •	**BETTER**	170 •	Class A	0.86†† •	•	•	•	Std	• • •	•	•
	29, 44, 48, 52, 56, 60	**538**	24 x 24 x 7/8" ☐	0.70 •	38 •	**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**577**	24 x 24 x 3/4" ☐	0.35	35* •	–	170 •	Fire Guard	0.86 •	•	•	•	Std	Std	•	•
	29, 44, 48, 52, 56, 60	**539** **539HRC**	24 x 48 x 3/4" ▭ 24 x 48 x 3/4"	0.70 •	35 •	**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	• •	•	10-Yr
	29, 44, 48, 52, 56, 60	FS **FastSize™ Panels**	W: 4" - 24" / L: 4" - 48" 3/4" thick	N/A	N/A	–	N/A	Class A	0.86 •	•	Std	•	Std	Std	•	10-Yr
CIRRUS Tegular																
15/16" Angled Tegular	13	**584_ _**◆◆ **584HRC** **584M**	24 x 24 x 3/4" ☐ 24 x 24 x 3/4" 600 x 600 x 19mm	0.70 •	35 •	**BETTER**	N/A	Class A	0.86 •	•	•	•	Std	• • •	•	•
	13	**578**	24 x 24 x 3/4" ☐	0.35	35 •	–	N/A	Fire Guard	0.86 •	•	•	•	Std	Std	•	•
	13	**534**	24 x 24 x 7/8" ☐	0.70 •	38 •	**BETTER**	N/A	Class A	0.86 •	•	•	•	Std	•	•	•
	13	**535** **535HRC**	24 x 48 x 3/4" ▭ 24 x 48 x 3/4"	0.70 •	35 •	**BETTER**	N/A	Class A	0.86 •	•	Std	•	Std	• •	•	10-Yr
	13	FS **FastSize™ Panels**	W: 4" - 24" / L: 4" - 48" 3/4" thick	N/A	N/A	–	N/A	Class A	0.86 •	•	Std	•	Std	Std	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 589 C R).
HRC items not available in FastSize or other sizes.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

MINERAL FIBER

CIRRUS®
CIRRUS® High NRC

Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING™
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 73% RECYCLED CONTENT

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

▲ LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
CIRRUS® High CAC											Humi-Guard+					
15/16" Angled Tegular	13	**572**	24 x 24 x 7/8"	0.70 •	40 •	**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	13	**581**	24 x 48 x 7/8"	0.70 •	40 •	**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr
	29, 44, 48, 52, 56, 60	**576**	24 x 24 x 7/8"	0.70 •	40* •	**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**583**	24 x 48 x 7/8"	0.70 •	40 •	**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr
	13	FS **FastSize™ Panels**	W: 4" - 24" / L: 4" - 48" 3/4" thick	N/A	N/A	–	N/A	Class A	0.86 •	•	Std	•	Std	Std	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in FastSize or other sizes.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

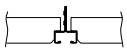
SUSPENSION SYSTEMS

15/16"

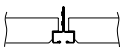


Prelude®
Prelude® XL®
Fire Guard™

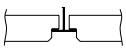
9/16"



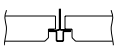
Silhouette® 1/4" Reveal



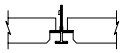
Silhouette 1/8" Reveal



Suprafine®
Suprafine XL
Fire Guard



Interlude®



Sonata®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 1, Pattern E I
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes items 535, 539, 581, 583.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
534, 538, 572, 576 – 1.38 lbs/SF; 40 SF/ctn
535, 539, 581, 583 – 1.21 lbs/SF; 48 SF/ctn
577, 578 – 1.25 lbs/SF; 48 SF/ctn
584, 589 – 1.06 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
584M, 578M, 534M, 572M, 581M, 535M, 589M, 538M, 577M, 583M, 539M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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CIRRUS® Profiles

Chamfered, Beveled & Classic Step™ – Tegular

medium texture



Cirrus® Classic Step™ panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

These medium-textured ceiling panels feature Total Acoustics™ performance with a variety of dimensional edge details.

KEY SELECTION ATTRIBUTES

- Classic edge details on refined Cirrus texture
- High quality factory-finished edge detail
- Ideal combination of sound absorption and blocking
- USDA Certified Biobased Product – 94%

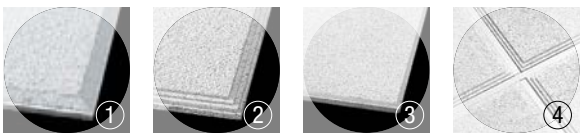
TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Lobbies/reception areas
- Public spaces/areas

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 166.)



1. Cirrus Chamfered
2. Cirrus Classic Step
3. Cirrus Beveled Tegular
4. Cirrus Classic Step with Suprafine 9/16" suspension system

CIRRUS® Profiles

Chamfered, Beveled & Classic Step™ – Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

UP TO 62% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

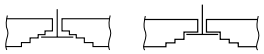
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= NRC + CAC	Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
CIRRUS® Profiles Chamfered**																	
15/16" Tegular	17	**628**	24 x 24 x 3/4"	□	0.65	35 •		✔	Class A	0.85 •	•	•	•	Std	•	•	•
9/16" Tegular	30	**557**	24 x 24 x 3/4"	□	0.65	35 •		✔	Class A	0.85 •	•	•	•	Std	•	•	•
CIRRUS® Profiles Beveled																	
9/16" Tegular	29	**590**	24 x 24 x 3/4"	⊞	0.65	35 •		✔	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
CIRRUS® Profiles Classic Step™																	
15/16" Tegular	19	**626**	24 x 24 x 3/4"	⊞	0.65	35 •		✔	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
9/16" Tegular	31	**591**	24 x 24 x 3/4"	□	0.65	35 •		✔	Class A	0.85 •	•	•	•	Std	•	•	•
	32	**585**	24 x 24 x 3/4"	⊞	0.65	35 •		✔	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
** Ceiling design copyrighted by AWI Licensing Co.

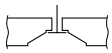
SUSPENSION SYSTEMS

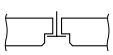
15/16"

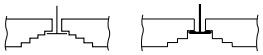

Prelude® Chamfered


Prelude Classic Step

9/16"


Suprafine® Chamfered


Suprafine Beveled


Suprafine Classic Step

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
557, 591, 628 – Type III, Form 1, Pattern E I
585, 590, 626 – Type III, Form 1, Pattern E I K
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes items 585, 590, 626.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
590, 591 – 1.06 lbs/SF; 48 SF/ctn
557, 585, 626, 628 – 1.17 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

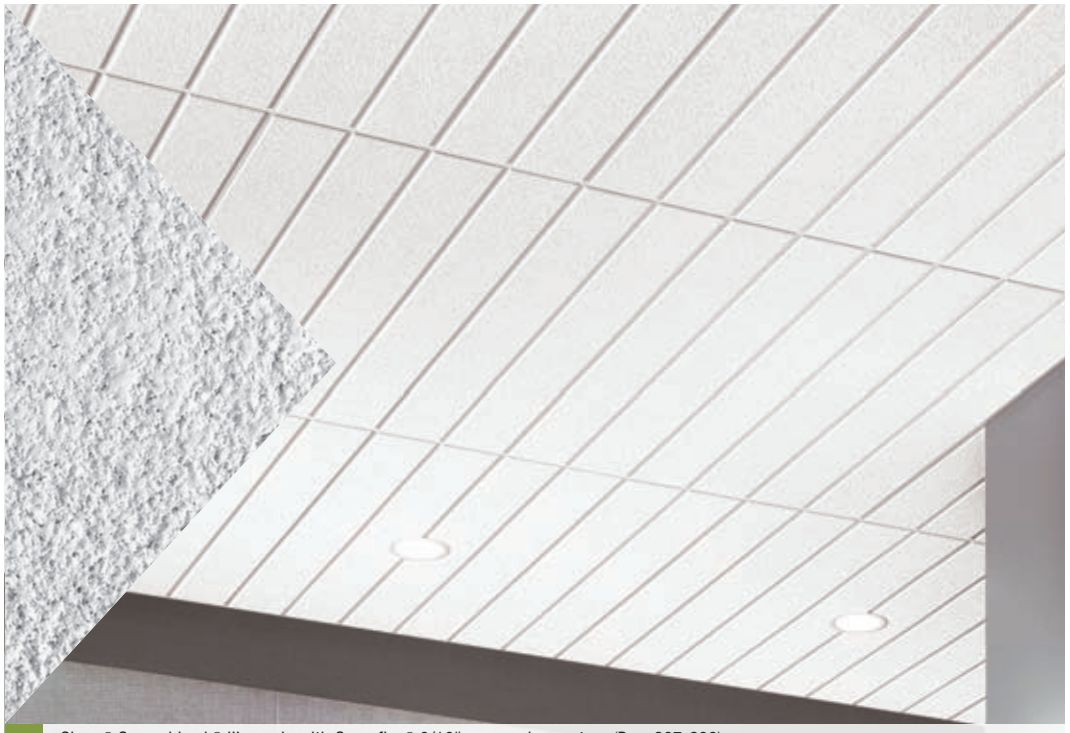
Metric Items Available
628M, 557M, 590M, 591M, 626M, and 585M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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Printed in the United States of America

CIRRUS® Second Look®

Scored Tegular
medium texture

TOTAL ACOUSTICS™



Cirrus® Second Look® III panels with Suprafine® 9/16" suspension system (Pgs. 287-288)



See more photos at:
armstrong.com/photogallery
SEARCH: cirrus

These medium-textured panels, with scored plank visual, provide the noise reduction and sound blocking of Total Acoustics™ performance.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Classic Cirrus texture
- Excellent score line painting for a clean visual
- Excellent sound absorption
- USDA Certified Biobased Product – 94%

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Lobbies/reception areas
- Department stores/retail

FACE VIEW



Cirrus Second Look I panel –
Scoring creates nominal 12" x 12" squares

Cirrus Second Look II panel –
Scoring creates nominal 24" x 24" squares



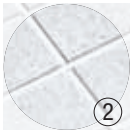
Cirrus Second Look III panel –
Scoring creates nominal 6" x 48" linear planks

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 168.)





1. Cirrus Second Look III
2. Cirrus Second Look III with Suprafine 9/16" suspension system

CIRRUS® Second Look®

Scored Tegular
medium texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

UP TO 62% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC + CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	Warranty
CIRRUS® Second Look® I															
15/16" Beveled Tegular	14	**512**	24 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
CIRRUS Second Look II															
9/16" Beveled Tegular	28	**510**	24 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
15/16" Beveled Tegular	14	**513**	24 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
CIRRUS Second Look III															
9/16" Beveled Tegular	28	**511**	24 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr
15/16" Beveled Tegular	14	**514**	24 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.85 •	•	Std	•	Std	•	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Suprafine®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 1, Pattern E I K
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/ USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

Design Consideration
Do not mix Cirrus Second Look with standard Cirrus items in the same room.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
1.09 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
512M, 510M, 513M, 511M, 514M –
Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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CIRRUS® Themes™

Critters™, Leaves™, Stars™, Things That Fly™ & Under the Sea™ – Tegular

medium texture



Cirrus® Themes™ Critters™ panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

Cirrus Themes ceiling panels have a playful design and bring fun to your project.

KEY SELECTION ATTRIBUTES

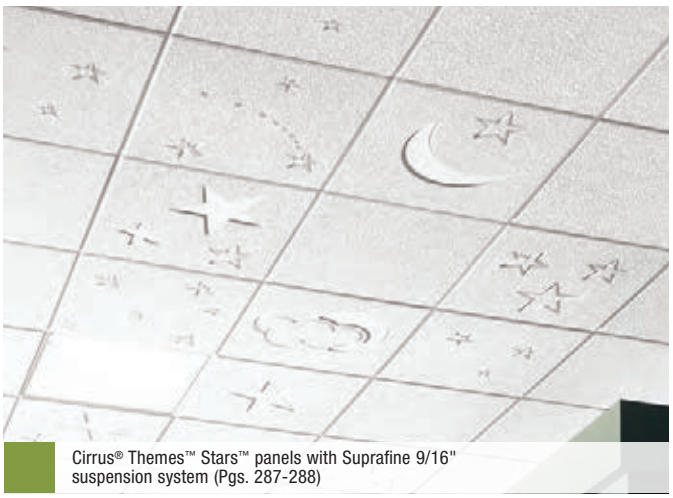
- A variety of lighthearted panel designs on classic Cirrus texture; can be spot-painted
- Coordinating plain panels available
- USDA Certified Biobased Product – 94%

TYPICAL APPLICATIONS

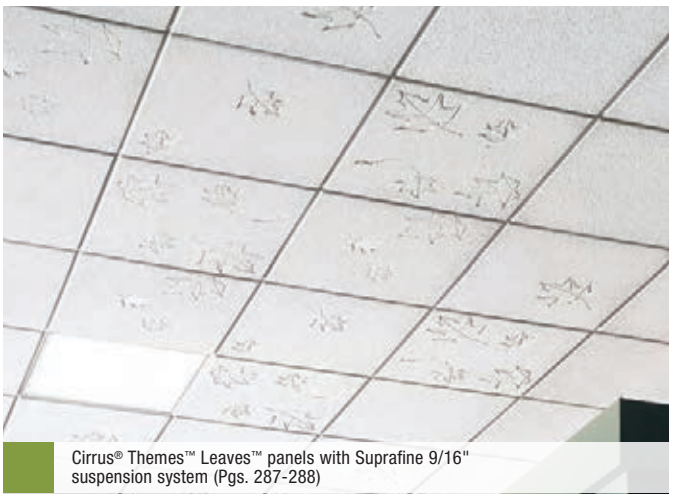
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Pediatric areas
- Lobbies/reception areas
- Specialty shops/stores
- Playful theme interiors

COLOR

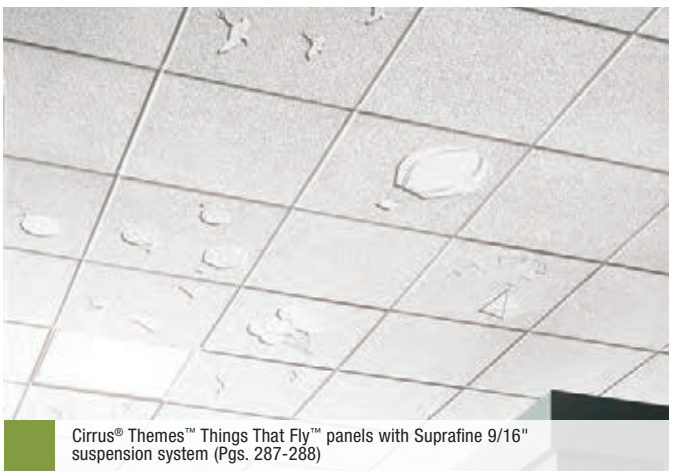
White



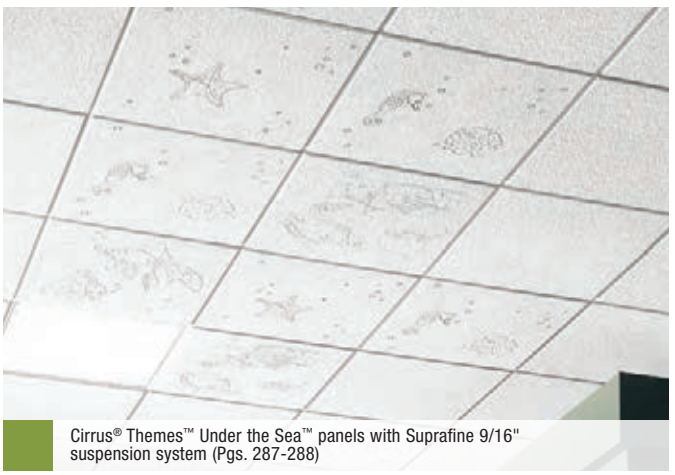
Cirrus® Themes™ Stars™ panels with Suprafine 9/16" suspension system (Pgs. 287-288)



Cirrus® Themes™ Leaves™ panels with Suprafine 9/16" suspension system (Pgs. 287-288)



Cirrus® Themes™ Things That Fly™ panels with Suprafine 9/16" suspension system (Pgs. 287-288)



Cirrus® Themes™ Under the Sea™ panels with Suprafine 9/16" suspension system (Pgs. 287-288)

CIRRUS® Themes™

Critters™, Leaves™, Stars™, Things That Fly™ & Under the Sea™ – Tegular

medium texture

62% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 94%

LEED® energy management · construction waste mgmt · regional materials · design for flexibility · EPD · recyclable/ extended producer resp. · biobased materials · recycled content · sourcing of raw materials · material ingredient reporting · low emitting/ materials · lighting quality · acoustics

LOCATION DEPENDENT

VISUAL SELECTION

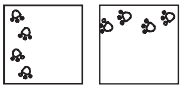
PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycled Program	Warranty
CIRRUS® Themes™									Bio-Block						
15/16" Angled Tegular	13	**See Below**	24 x 24 x 3/4" ☐	N/A	N/A	_	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**See Below**	24 x 24 x 3/4" ☐	N/A	N/A	_	Class A	0.86 •	•	Std	•	Std	•	•	10-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

Cirrus Themes Critters



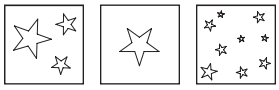
S500/S550 S501/S551 S502/S552 S503/S553 S510/S560 S512/S562

Cirrus Themes Leaves



S600/S650 S601/S651 S602/S652 S603/S653 S604/S654 S605/S655

Cirrus Themes Stars



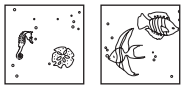
S400/S450 S401/S451 S410/S460 S411/S461 S412/S462 S413/S463 S414/S464 S420/S470 S421/S471

Cirrus Themes Things That Fly



S700/S750 S701/S751 S702/S752 S703/S753 S704/S754 S705/S755 S706/S756 S707/S757 S708/S758

Cirrus Themes Under the Sea



S800/S850 S801/S851 S802/S852 S803/S853 S804/S854 S805/S855

Plain Panel



S299/S295

Must use Item S295 or S299 for Coordinating Plain Panel

Cirrus Themes Critters		Cirrus Themes Leaves		Cirrus Themes Stars		Cirrus Themes Things That Fly		Cirrus Themes Under The Sea	
15/16" Angled Tegular	9/16" Beveled Tegular	15/16" Angled Tegular	9/16" Beveled Tegular	15/16" Angled Tegular	9/16" Beveled Tegular	15/16" Angled Tegular	9/16" Beveled Tegular	15/16" Angled Tegular	9/16" Beveled Tegular
☐ S550	☐ S500	☐ S650	☐ S600	☐ S450	☐ S400	☐ S750	☐ S700	☐ S850	☐ S800
☐ S551	☐ S501	☐ S651	☐ S601	☐ S451	☐ S401	☐ S751	☐ S701	☐ S851	☐ S801
☐ S552	☐ S502	☐ S652	☐ S602	☐ S460	☐ S410	☐ S752	☐ S702	☐ S852	☐ S802
☐ S553	☐ S503	☐ S653	☐ S603	☐ S461	☐ S411	☐ S753	☐ S703	☐ S853	☐ S803
☐ S560	☐ S510	☐ S654	☐ S604	☐ S462	☐ S412	☐ S754	☐ S704	☐ S854	☐ S804
☐ S562	☐ S512	☐ S655	☐ S605	☐ S463	☐ S413	☐ S755	☐ S705	☐ S855	☐ S805
☐ S295	☐ S299	☐ S295	☐ S299	☐ S464	☐ S414	☐ S756	☐ S706	☐ S295	☐ S299
				☐ S470	☐ S420	☐ S757	☐ S707		
				☐ S471	☐ S421	☐ S758	☐ S708		
				☐ S295	☐ S299	☐ S295	☐ S299		

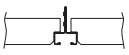
SUSPENSION SYSTEMS

15/16"

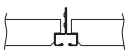


Prelude®

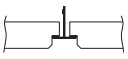
9/16"



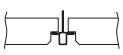
Silhouette® 1/4" Reveal



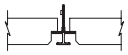
Silhouette 1/8" Reveal



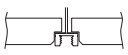
Suprafine®



Interlude® XL® HRC



Sonata® XL®



Trimlok®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Type III, Form 1, Pattern E I K Z
(scored multi-patterned finish)
S299, S295 – Type III, Form 1, Pattern E I
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.9 (BTU units)
R Factor – 0.33 (Watts units)

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
All design panels – 1.38 lbs/SF; 8 SF/ctn
S295 – 1.09 lbs/SF; 48 SF/ctn
S299 – 1.17 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

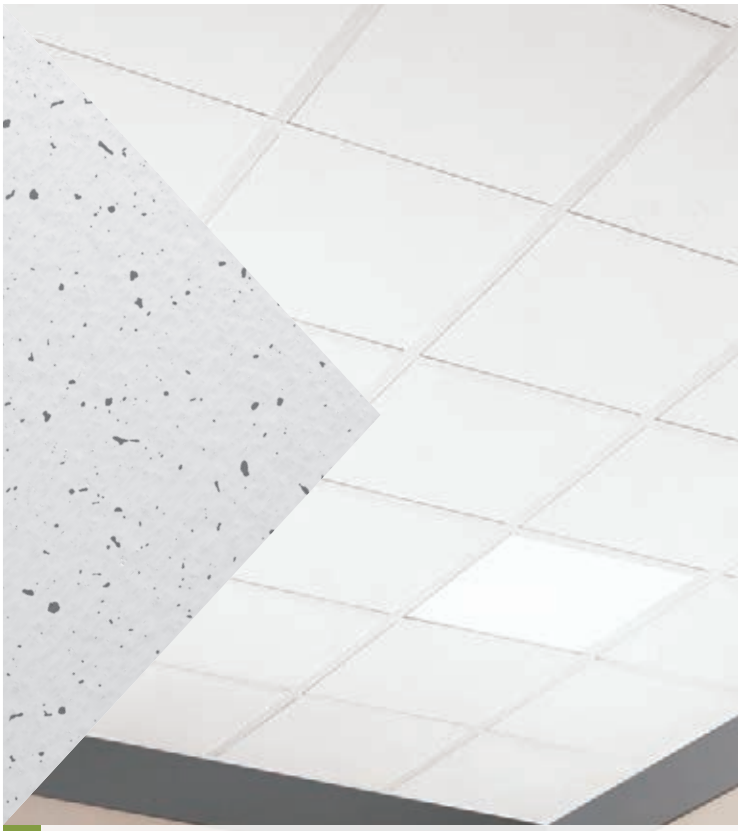
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Clean Room™ FL/
Clean Room™ VL & VL

Square Lay-in & Tegular
smooth texture

10-YEAR REPLACEMENT PANEL AVAILABILITY

1715, 1716, 1720, 1721



Clean Room™ FL panels with Clean Room 15/16" suspension system (Pg. 267)



Clean Room VL panels with Clean Room 1-1/2" suspension system (Pg. 267)



VL panels with Prelude® 15/16" suspension system (Pgs. 279-280)

Clean Room panels meet guidelines for controlled environments and USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) (excludes items 869, 871)
- Excellent sound blocking CAC (35-40)
- Durable – Washable, Scrubbable, Soil-resistant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

Clean Room FL, Clean Room VL

- Clean Rooms
- Kitchens/food preparation areas
- Laboratories
- Healthcare
  - Patient rooms
  - Treatment rooms
  - Semi-restricted surgical areas
  - Emergency rooms

VL (Perforated)

- Lavatories/restrooms
- Utility Rooms

COLORS

White (Clean Room VL & VL)



White with Gray Spatter (Clean Room FL)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 172.)



1. Clean Room FL
2. Clean Room VL
3. VL
4. Clean Room FL with 15/16" suspension system
5. Clean Room VL with 1-1/2" suspension system

Clean Room™ FL/ Clean Room™ VL & VL

Square Lay-in & Tegular
smooth texture

UP TO 76% RECYCLED CONTENT

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

Calculate LEED contribution at armstrong.com/greengenie

▲ LOCATION DEPENDENT

VISUAL SELECTION

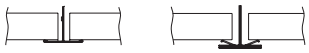
PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics: NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew: Bio-Block	Sag Resist: Humi-Guard+	Certified Low VOC Emissions	Durability: Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
Clean Room™ FL Field Panel																				
15/16" or 1-1/2" Square Lay-in	1, 6, 7	**1715**	24 x 24 x 3/4"	0.55	35 •	–	Class A	0.79	•	•	•	•	•	•	•	•	•	•	–	•
	1, 6, 7	**1716**	24 x 48 x 3/4"	0.55	35 •	–	Class A	0.79	•	•	•	•	•	•	•	•	•	•	–	•
Clean Room™ FL Border Panel																				
15/16" or 1-1/2" Square Lay-in	1, 6, 7	**1720**	24 x 24 x 5/8"	N/A	35 •	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
	1, 6, 7	**1721**	24 x 48 x 5/8"	N/A	35 •	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
	1, 6, 7	**Other Size Panels**	W: 24" / L: 24" – 48" 5/8" Thick	N/A	N/A	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
Clean Room™ VL Unperforated																				
15/16" or 1-1/2" Square Lay-in	1, 7	**868**	24 x 24 x 5/8"	N/A	40 •	–	Fire Guard™	0.80	•	•	–	•	•	•	•	•	•	Std	–	•
	1, 7	**870**	24 x 48 x 5/8"	N/A	40 •	–	Fire Guard	0.80	•	•	–	•	•	•	•	•	•	Std	–	•
VL Perforated (Not for Clean Rooms)																				
15/16" or 1-1/2" Square Lay-in	1	**869**	24 x 24 x 5/8"	0.55	35 •	–	Fire Guard	0.78	•	•	–	–	•	•	•	•	•	Std	–	•
	1	**871**	24 x 48 x 5/8"	0.55	35 •	–	Fire Guard	0.78	•	•	–	–	•	•	•	•	•	Std	–	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Also see Optima® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.

SUSPENSION SYSTEMS

15/16"



Prelude®
Prelude® Plus XL® Aluminum
Prelude® XL Fire Guard™

Clean Room (Steel or Aluminum)

1-1/2"



Clean Room (Steel or Aluminum)

NOTE: Clean Room Class 5 (Class 100) UL Classified for Acoustics on 15/16" suspension system only.

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
1715, 1716, 1720, 1721 – Soil-resistant polyester film
868, 870, 869, 871 – Vinyl-faced membrane

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
1715, 1716, 1720, 1721 – Type IV, Form 2, Pattern G H
868, 870, – Type IV, Form 2, Pattern E
869, 871 – Type IV, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
(Excludes FL Border and VL Panels) Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1715 – 1.02 lbs/SF; 48 SF/ctn
1716 – 1.02 lbs/SF; 64 SF/ctn
1720 – 1.04 lbs/SF; 48 SF/ctn
1721 – 1.17 lbs/SF; 64 SF/ctn
868, 869 – 1.10 lbs/SF; 48 SF/ctn
870, 871 – 1.11 lbs/SF; 64 SF/ctn

NOTE: For assistance on proper Clean Room installation, contact TechLine at 1 877 ARMSTRONG.

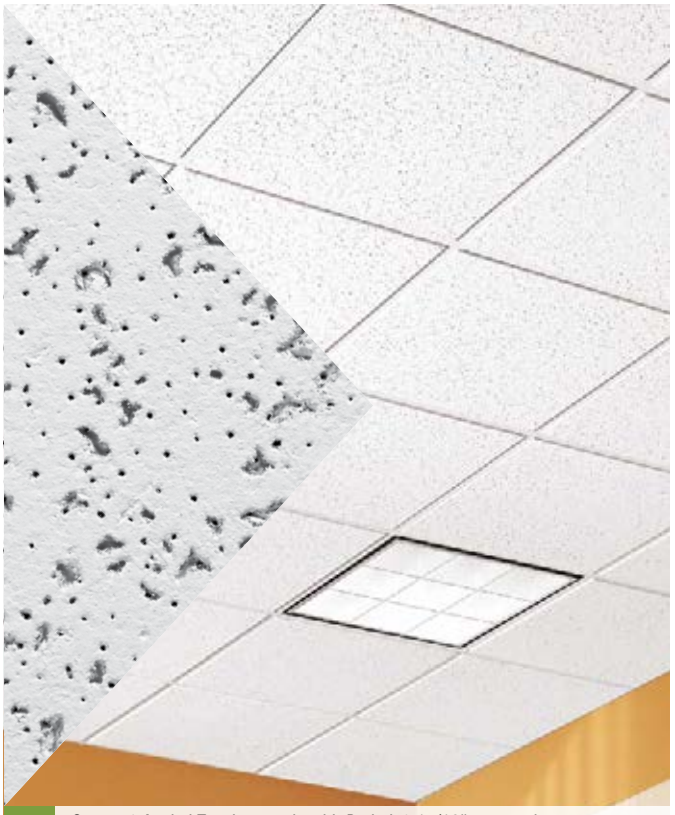
Minimum Order Quantity:
1 carton, excludes other size panels.

Metric Items Available
1715M, 1716M, 1720M, 1721M, 868M, 870M, 869M, 871M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture



Cortega® Angled Tegular panels with Prelude® 15/16" suspension system (Pgs. 279-280)



Cortega® Second Look® II panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

Cortega® offers a medium-textured, economical solution with standard acoustical absorption.

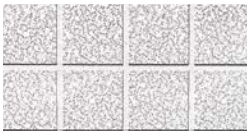
KEY SELECTION ATTRIBUTES

- Economical
- Non-directional visual reduces scrap and installation time (excludes Second Look items)
- Geometric Scored Visuals (Second Look items)

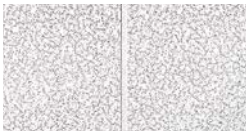
TYPICAL APPLICATIONS

- Storage and supply rooms
- Discount stores
- Utility Rooms

FACE VIEW



Cortega Second Look I panels –
Scoring creates nominal 12" x 12" squares



Cortega Second Look II panels –
Scoring creates nominal 24" x 24" squares

COLORS

Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

White



Tech Black (BL)
Item 769

DETAILS

(Other Suspension Systems compatible. Refer to listing on page 174.)



1. Cortega Square Lay-in
2. Cortega Beveled Tegular
3. Cortega Second Look
4. Cortega Lay-in with Prelude 15/16" suspension system
5. Cortega Beveled Tegular with Suprafine 9/16" suspension system

UP TO 43% CORTEGA 55% CORTEGA 2ND LOOK RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓, construction waste mgmt ✓, regional materials ✓, design for flexibility ✓, EPD ✓, recyclable/extended producer resp. ✓, biobased materials ✓, recycled content ✓, sourcing of raw materials ✓, material ingredient reporting ✓, low emitting/materials ✓, lighting quality ✓, acoustics ✓

▲ LOCATION DEPENDENT

CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

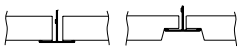
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycled Program	Warranty
CORTEGA® Square Lay-in															
15/16" Square Lay-in	1	**770** **770M**	24 x 24 x 5/8" 600 x 600 x 15mm	0.55	33	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**824**	24 x 24 x 5/8"	0.55	35 •	–	Fire Guard™	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**769__**◆◆ **769M**	24 x 48 x 5/8" 600 x 1200 x 15mm	0.55	35 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**823**	24 x 48 x 5/8"	0.55	35 •	–	Fire Guard	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**747**	24 x 48 x 5/8"	0.55	40 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**773** **773M**	20 x 60 x 5/8" 500 x 1500 x 15mm	0.55	35 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**772** **772M**	24 x 60 x 5/8" 600 x 1500 x 15mm	0.55	35 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	1	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" Thick	N/A	N/A	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
CORTEGA Tegular															
15/16" Angled Tegular	12	**704** **704M**	24 x 24 x 5/8" 600 x 600 x 15mm	0.55	33	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	12	**816**	24 x 24 x 5/8"	0.55	35 •	–	Fire Guard	0.82	–	Std	•	Std	Std	•	1-Yr
	12	**703**	24 x 48 x 5/8"	0.55	35 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**2195**	24 x 24 x 5/8"	0.55	35* •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" Thick	N/A	N/A	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
CORTEGA® Second Look® I															
15/16" Angled Tegular	11	**2765**	24 x 48 x 3/4"	0.55	35 •	–	Class A	0.82	–	Std	•	Std	Std	•	1-Yr
CORTEGA Second Look II															
15/16" Angled Tegular	11	**2758**	24 x 48 x 3/4"	0.55	40 •	–	Fire Guard	0.82	–	Std	•	Std	•	•	1-Yr
	11	**2767**	24 x 48 x 3/4"	0.55	35 •	–	Class A	0.82	–	Std	•	Std	•	•	1-Yr
9/16" Angled Tegular	27	**2776**	24 x 48 x 3/4"	0.55	30	–	Class A	0.82	–	Std	•	Std	•	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. ◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 769 B L).

SUSPENSION SYSTEMS

* Item 2195 – CAC 31 on 9/16" Silhouette or Trimlok.

15/16"



Prelude®, Prelude XL® Fire Guard™

9/16"



Silhouette® 1/4" | Silhouette® 1/8" | Suprafine® | Interlude® XL HRC | Sonata® XL | Trimlok®

NOTE: 9/16" Cortega Second Look items are installed using Suprafine suspension systems only.

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 2, Pattern C D

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol. (Excludes 769BL)

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
2195, 704, 816, 703 – R Factor – 1.6 (BTU units); R Factor – 0.28 (Watts units)
770, 772, 769, 773, 823, 824 – R Factor – 1.5 (BTU units); R Factor – 0.26 (Watts units)

Weight; Square Feet/Carton
769 – 0.61 lbs/SF; 96 SF/ctn
704, 2195 – 0.63 lbs/SF; 64 SF/ctn
772, 773 – 0.63 lbs/SF; 100 SF/ctn
703 – 0.65 lbs/SF; 80 SF/ctn
770 – 0.69 lbs/SF; 64 SF/ctn
816 – 1.08 lbs/SF; 48 SF/ctn
823 – 1.09 lbs/SF; 48 SF/ctn
824 – 1.09 lbs/SF; 64 SF/ctn
850 – 1.11 lbs/SF; 64 SF/ctn
2765, 2767 – 0.73 lbs/SF; 80 SF/ctn
2758 – 1.26 lbs/SF; 64 SF/ctn
2776 – 0.70 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels.

Metric Items Available
770M, 824M, 769M, 773M, 772M, 2195M, 704M, 703M, 823M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: cortega)
BPCS-3017/3022-8 15

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CREATE!™
ULTIMA®, ULTIMA® Health Zone™, OPTIMA®

Square Lay-in, Tegular & Vector®
fine texture

TOTAL ACOUSTICS™



Ultima® Create!™ Vector® panels with Prelude® 15/16" suspension system (Pgs. 279-280)



Original artwork



Ultima, Ultima Health Zone, or Optima Ceiling Panels



Custom wall-to-wall ceilings or floating clouds

See more photos at:
armstrong.com/photogallery
SEARCH: create

Create!™ custom images are available on Ultima, Ultima® Health Zone™, and Optima® panels. Great acoustics have never been so colorful!

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Artistic designs have broad appeal and complement unique interior design
- Mix and match designs with standard Ultima, Ultima Health Zone, and Optima
- Excellent sound absorption – NRC 0.70 – 0.90
- The high performance benefits of Ultima or Optima fine-textured ceilings:
  - Water-repellent (Ultima Health Zone)
- Product is directional
- Custom samples available
- Can contribute to LEED® credits

TYPICAL APPLICATIONS

- Classrooms
- Libraries/media centers
- Lobbies/reception areas
- Retail
- Restaurant

CREATE YOUR OWN UNIQUE, CUSTOM CEILING VISUAL USING COLOR AND ARTWORK.

Original Artwork Guidelines:

- Artwork must be vector-based
- Acceptable file types:
  - Adobe® Illustrator® – .ai
  - Encapsulated PostScript – .eps
  - Scalable Vector Graphics – .svg
- Acceptable Color Mode: CMYK

Original Digital Image Requirements:

- Image must be 150 dpi at full print size
- Acceptable file types:
  - Joint Photographic Experts Group – .jpg
  - Tagged Image File Format – .tiff

Solid Color Requirements:

- Custom colors are available
- RAL classic colors available on suspension systems and perimeter trims

CREATE!™
ULTIMA®, ULTIMA® Health Zone™, OPTIMA®

Square Lay-in, Tegular & Vector®
fine texture

THEMES – AVAILABLE ON ULTIMA®, ULTIMA® HEALTH ZONE™, OPTIMA® CREATE!™ PANELS

Blooms



Single Panel
Design 021



4-Panel Design
Design 022 (Add A, B, C, or D for individual panel order)

Dragonflies

Single Panel
Design 051



4-Panel Design
Design 052 (Add A, B, C, or D for individual panel order)

Stars



Single Panel
Design 041



Single Panel
Design 042



Single Panel
Design 043

Bubbles



Single Panel
Design 011



Single Panel
Design 012



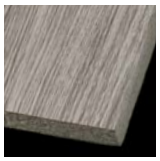
Single Panel
Design 013

WOOD LOOKS – AVAILABLE ON ULTIMA HEALTH ZONE CREATE! SQUARE LAY-IN PANELS

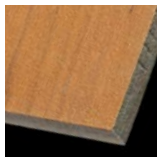
Due to printing limitations, shade may vary from actual product.



Bamboo (BA)



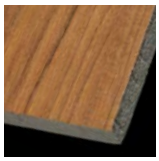
Barnwood (BW)



Light Cherry (LC)



Oak (OK)



Walnut (WN)

COLOR REFERENCE CHART

Choose from the standard colors shown on the front of Create! 6" x 6" submittal samples. Keep in mind, sheen varies slightly depending on base panel selection (Ultima, Ultima Health Zone, Optima). Custom colors available.



Optima® Create!™ Vector® panels with Prelude® XL® suspension system



Ultima® Create!™ Vector® panels in Oak Wood Looks with Prelude® XL® suspension system

CREATE!™ – ULTIMA®, ULTIMA Health Zone™, OPTIMA®

Square Lay-in, Tegular & Vector® fine texture

UP TO **77%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

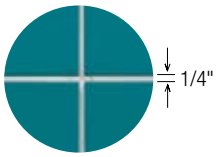
Edge Profile / Suspension System	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Fire Rating	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Water Repel (Durability)	Wash (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA® or OPTIMA® Create!™ Square Lay-in														
for 15/16" Prelude® XL®	**Z1910UC1**	24 x 24 x 3/4" ☐	0.75 •	35 •	BETTER	Class A	•	•	–	•	•	•	•	•
	Z33520C1	24 x 24 x 1" ☐	0.90 •	26	–	Class A	•	•	–	•	•	•	•	•
ULTIMA Create! Tegular														
for 9/16" Silhouette® XL® ONLY; 1/4" or 1/8" Reveal	**Z1912UC1**	24 x 24 x 3/4" ☐	0.75 •	35 •	BETTER	Class A	•	•	–	•	•	•	•	•
ULTIMA or OPTIMA Create! Vector®														
for 15/16" Prelude XL (White only)	**Z1920UC1**	24 x 24 x 3/4" ☐	0.70 •	33	–	Class A	•	•	–	•	•	•	•	•
	Z39010C1	24 x 24 x 7/8" ☐	0.80 •	26	–	Class A	•	•	–	•	•	•	•	•
ULTIMA® Health Zone™ Create!™ Square Lay-in														
for 15/16" Prelude XL	**Z1935UC1_ _**◆◆	24 x 24 x 3/4" ☐	0.70 •	38 •	BETTER	Class A	•	•	•	•	•	•	•	•
ULTIMA® Health Zone™ Create!™ Tegular														
for 9/16" Silhouette XL ONLY; 1/4" or 1/8" Reveal	**Z1936UC1**	24 x 24 x 3/4" ☐	0.70 •	38 •	BETTER	Class A	•	•	•	•	•	•	•	•

NOTE: Replacement panels may vary slightly in color due to material variations over time. Product could have slight color variation from run to run; adequate attic stock should be ordered. Ultima Health Zone ceilings have different scrim surface than Ultima or Optima which may affect color.

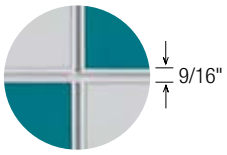
[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+) Based on image/color coverage, NRC may vary slightly.

◆◆ Add 2-letter color suffix to item when specifying or ordering standard Wood Looks items. (e.g., Z1935UC1 L C)

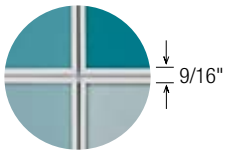
SUSPENSION SYSTEMS AND EDGE DETAILS



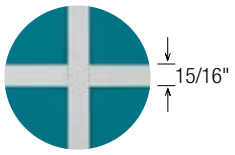
Vector® Panel and Prelude® XL®
(White suspension required for Vector)



Tegular Panel and Silhouette® XL® 1/4" Reveal



Tegular Panel and Silhouette® XL® 1/8" Reveal



Lay-in Panel and Prelude® XL® or 360° Painted Grid

COLORS



RAL Colors Available on Suspension Systems and Perimeter Trims

PHYSICAL DATA

Material
Ultima/Ultima Health Zone: Wet-formed mineral fiber
Optima: Fiberglass with DuraBrite® acoustically transparent membrane with CAC-backing

Surface Finish
Factory-applied latex paint with UV printing

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Ultima/Ultima Health Zone: Type III, Form 2, Pattern E
Optima: Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
Ultima/Ultima Health Zone:
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)
Optima:
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. 1-year limited warranty on color. Details at armstrong.com/warranty

Weight; Square Feet/Carton
Ultima/Ultima Health Zone: 1.05 lbs/SF; 16 SF/ctn
Optima: 0.55 lbs/SF; 16 SF/ctn

Minimum Order Quantity:
1 carton

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armstrong.com/commceilings
(search: create)
BPCS-4949-1015

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Armstrong®

DESIGNER™

Square Lay-in, Tegular
coarse texture

UP TO **42%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓		✓	✓	✓	✓			✓	✓

▲ LOCATION DEPENDENT

$$$$



Designer™ Lay-in panels with Prelude® 15/16" suspension system (Pgs. 279-280)

Designer™ offers a coarse-textured visual with standard absorption in an economical ceiling panel.

KEY SELECTION ATTRIBUTES

- Standard sound absorption
- Cost-effective

TYPICAL APPLICATIONS

- Utility rooms
- Discount stores
- Supply and storage rooms

COLOR

White

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	Warranty
DESIGNER Square Lay-in																
15/16" Square Lay-in	1	**735**	24 x 24 x 5/8"	□	0.55	30	–	Class A	0.81	–	Std	–	Std	Std	•	1-Yr
	1	**734**	24 x 48 x 5/8"	▭	0.55	30	–	Class A	0.81	–	Std	–	Std	Std	•	1-Yr
DESIGNER Tegular																
15/16" Angled Tegular	13	**737**	24 x 24 x 5/8"	□	0.55	33	–	Class A	0.81	–	Std	–	Std	Std	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"



Prelude

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
Class A: Flame Spread Index 25 or less (UL labeled) per ASTM E1264

ASTM E1264 Classification
Type III, Form 2, Pattern F
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
734 – 0.80 lbs/SF; 80 SF/ctn
735, 737 – 0.80 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
735M, 734M, 737M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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DUNE™

Square Lay-in & Tegular
fine texture

10-YEAR REPLACEMENT PANEL AVAILABILITY

1772, 1773, 1774, 1775, 1776



Dune™ Square Lay-in panels with Prelude® XL® 15/16" suspension system (Pgs. 279-280)



Dune Tegular panels with Interlude® XL HRC 9/16" suspension system (Pg. 274)

This durable, fine-textured panel offers a non-directional visual.

KEY SELECTION ATTRIBUTES

- Upgrade look at a modest price
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 1773HRC, 1774HRC, 1775HRC, 1776HRC, 1777HRC (check armstrong.com/greengenie)
- USDA Certified Biobased Product – 100%
- Durable – Scratch-resistant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag (excludes items 1796 and 1798), mold and mildew

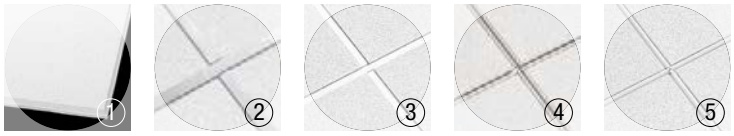
TYPICAL APPLICATIONS

- Offices
- Corridors
- Retail
- Hospitality

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 180.)



1. Dune™ Tegular
2. Dune™ Square Lay-in with Prelude 15/16" suspension system
3. Dune™ Tegular with Suprafine® 9/16" suspension system
4. Dune™ Tegular with Silhouette® XL® 9/16" suspension system with 1/4" reveal
5. Dune™ Tegular with Interlude® XL® HRC 9/16" suspension system

DUNE™

Square Lay-in & Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 100%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING℠
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 56% RECYCLED CONTENT

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

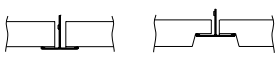
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Scratch Durability	Recycled Content	Recycle Program	30-Yr Warranty
DUNE™ Square Lay-in																
15/16" Square Lay-in	1	**1772**	24 x 24 x 5/8"		0.50	30	–	Class A	0.83 •	•	•	•	•	Std	•	•
	1	**1850**	24 x 24 x 5/8"		0.50	35 •	–	Fire Guard™	0.83 •	•	•	•	•	Std	•	•
	1	**1773** **1773HRC**	24 x 48 x 5/8"		0.50	30	–	Class A	0.83 •	•	•	•	•	Std	•	•
	1	**1851**	24 x 48 x 5/8"		0.50	35 •	–	Fire Guard	0.83 •	•	•	•	•	Std	•	•
	1	**1796**	20 x 60 x 3/4"		0.50	35 •	–	Class A	0.83 •	•	Std	•	•	•	•	1-Yr
	1	**1798**	30 x 30 x 3/4"		0.50	35 •	–	Class A	0.83 •	•	Std	•	•	•	•	1-Yr
	1	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" or 3/4" Thick		N/A	N/A	–	Class A	0.83 •	•	Std	•	•	Std	•	1-Yr
DUNE Tegular																
15/16" Angled Tegular	12	**1774** **1774HRC**	24 x 24 x 5/8" 24 x 24 x 5/8"		0.50	35 •	–	Class A	0.83 •	•	•	•	•	Std •	•	•
	12	**1853**	24 x 24 x 5/8"		0.50	35 •	–	Fire Guard	0.83 •	•	•	•	•	Std	•	•
	12	**1776** **1776HRC**	24 x 48 x 5/8" 24 x 48 x 5/8"		0.50	35 •	–	Class A	0.83 •	•	•	•	•	Std	•	•
	12	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" Thick		N/A	N/A	–	Class A	0.83 •	•	Std	•	•	Std	•	1-Yr
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1775** **1775HRC**	24 x 24 x 5/8" 24 x 24 x 5/8"		0.50	35* •	–	Class A	0.83 •	•	•	•	•	Std	•	•
	29, 44, 48, 52, 56, 60	**1852**	24 x 24 x 5/8"		0.50	35 •	–	Fire Guard	0.83 •	•	•	•	•	Std	•	•
	29, 44, 48, 52, 56, 60	**1777** **1777HRC**	24 x 48 x 5/8" 24 x 48 x 5/8"		0.50	35 •	–	Class A	0.83 •	•	•	•	•	Std	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" Thick		N/A	N/A	–	Class A	0.83 •	•	Std	•	•	Std	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

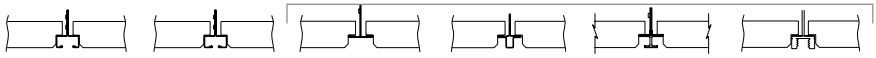
* CAC reduced two points on these suspension systems

15/16"



Prelude®
Prelude XL®
Fire Guard

9/16"



Silhouette 1/4" Reveal
Silhouette® 1/8" Reveal
Suprafine®
Suprafine® XL®
Fire Guard™
Interlude®
Sonata®
Trimlok®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes items 1796, 1798, and large other size panels.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty
(Excludes items 1796, 1798, and large other size panels)

Weight; Square Feet/Carton
1772 – 0.94 lbs/SF; 64 SF/ctn
1773 – 0.88 lbs/SF; 64 SF/ctn
1796 – 1.33 lbs/SF; 67 SF/ctn
1798 – 1.14 lbs/SF; 50 SF/ctn
1850 – 1.19 lbs/SF; 48 SF/ctn
1851 – 1.22 lbs/SF; 64 SF/ctn
1774, 1775 – 0.75 lbs/SF; 64 SF/ctn
1776, 1777 – 0.75 lbs/SF; 64 SF/ctn
1852, 1853 – 1.20 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
1772M, 1850M, 1773M, 1851M, 1796M, 1798M, 1775M, 1777M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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DUNE™ Second Look®

Scored Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT 100%

10-YEAR REPLACEMENT PANEL AVAILABILITY

2711, 2712, 2722

UP TO 47% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓

▲ LOCATION DEPENDENT

$$$$



Dune™ Second Look® I panels with Prelude® 15/16" suspension system (Pgs. 279-280)

This fine-textured visual offers geometric scored visuals.

KEY SELECTION ATTRIBUTES

- Upgrade look at a modest price
- USDA Certified Biobased Content – 100%
- Durable – Scratch-resistant
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Specialty shops/stores
- Corridors
- Offices

COLOR

White

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Scratch	Recycled Content	Recycle Program	30-Yr Warranty
DUNE Second Look I															
15/16" Angled Tegular	11	**2711**	24 x 48 x 3/4"	0.50	35 •	–	Class A	0.83 •	•	•	•	•	•	•	•
DUNE Second Look II															
15/16" Angled Tegular	11	**2712**	24 x 48 x 3/4"	0.50	35 •	–	Class A	0.83 •	•	•	•	•	•	•	•
9/16" Angled Tegular	27	**2722**	24 x 48 x 3/4"	0.50	35 •	–	Class A	0.83 •	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

DETAILS



1. Dune Second Look
2. Dune Second Look with Suprafine® 9/16" suspension system

FACE VIEW



Second Look I panel –
Scoring creates nominal 12" x 12" squares

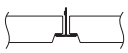
Second Look II panel –
Scoring creates nominal 24" x 24" squares

SUSPENSION SYSTEMS

15/16" Prelude



9/16" Suprafine



PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern C E K
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panel maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Design Consideration
Do not mix Dune Second Look with standard Dune panels in the same room.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1.00 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
2711M, 2722M, 2712M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: dune)
BPCS-3223-615

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FINE FISSURED™

Tile
medium texture

56% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

$$$$



Fine Fissured™ Tile with Prelude® Concealed 15/16" suspension system (Pg. 275)

Fine Fissured™ panels offer a non-directional visual, standard acoustics, and concealed or tongue-and-groove installation.

KEY SELECTION ATTRIBUTES

- 12" x 12" concealed tile option provides grid-hiding monolithic installation
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Areas with low ceiling height or limited plenum

COLOR

White

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
FINE FISSURED™ Tile									Bio-Block	Humi-Guard+					
Concealed 	66	**746**	12 x 12 x 5/8" □	0.55	35 •	–	Class A	0.85 •	•	•	•	Std	•	•	•
Tongue-and-Groove 	63	**741**	12 x 12 x 1/2" □	0.55	N/A	–	Class A	0.85 •	•	•	•	Std	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Splines not included in carton. Not recyclable when glue-up installation method is used.

SUSPENSION SYSTEM

15/16" Concealed 

Prelude Concealed or Adhesive

STAPLE UP/ADHESIVE

Tongue-and-Groove 

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
741 – 0.75 lbs/SF; 40 SF/ctn
746 – 0.90 lbs/SF; 40 SF/ctn

Minimum Order Quantity
1 carton

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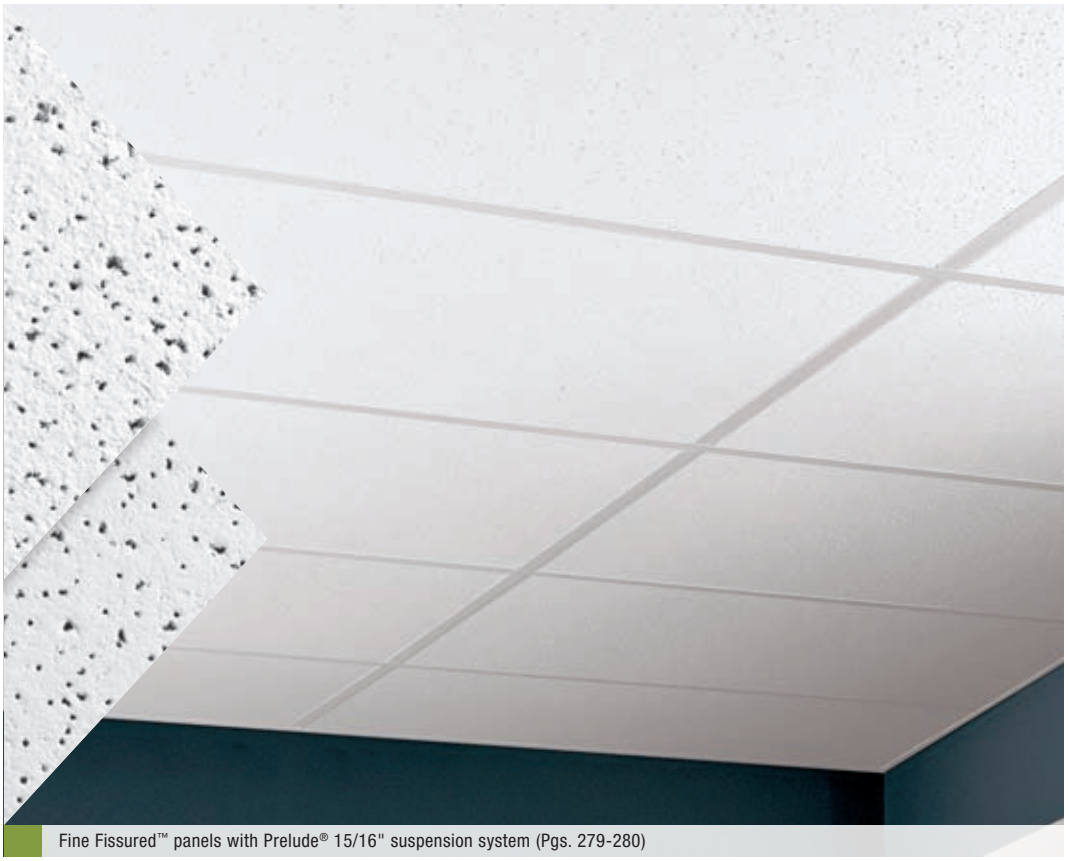
FINE FISSURED™
FINE FISSURED™ High NRC

Square Lay-in
medium texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY

1713, 1714, 1728, 1830, 1831



Fine Fissured™ panels with Prelude® 15/16" suspension system (Pgs. 279-280)



See more photos at:
armstrong.com/photogallery
SEARCH: fine fissured

This economical, non-directional panel is available in standard and high-acoustical absorption options.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Meets ANSI S12.60 Classroom Guidelines: Items 1713, 1714, 1810, 1811
- Economical
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag (excludes item 1738), mold and mildew

TYPICAL APPLICATIONS

- Schools
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements (High Acoustics items only)
- Libraries/band rooms
- Corridors
- Theaters (Black items)

COLORS

Due to printing limitations, shade may vary from actual product.

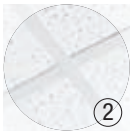
White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Adobe (AD) | Tech Black (BL)

Items 1728 and 1729 are available in colors. All other items are available in White only.

Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

DETAILS





1. Fine Fissured Square Lay-in
2. Fine Fissured Square Lay-in with Prelude 15/16" suspension system

FINE FISSURED™
FINE FISSURED™ High NRC

Square Lay-in
medium texture

UP TO 73% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® ✓ energy management ✓ construction waste mgmt ✓ regional materials ✓ design for flexibility ✓ EPD ✓ recyclable/ extended producer resp. ✓ biobased materials ✓ recycled content ✓ sourcing of raw materials ✓ material ingredient reporting ✓ low emitting/ materials ✓ lighting quality ✓ acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile		Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	=	Total Acoustics[1] NRC + CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
												Bio-Block	Humi-Guard+					
FINE FISSURED™ High NRC																		
15/16" Square Lay-in	1		**1754**	24 x 24 x 7/8"	0.75 •	35 •		**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	1		**1755**	24 x 48 x 7/8"	0.75 •	35 •		**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	•	•	1-Yr
FINE FISSURED™																		
15/16" Square Lay-in	1		**1736**	20 x 60 x 5/8"	0.55	35 •		–	–	Class A	0.85 •	•	•	•	Std	Std	•	•
	1		**1728_ _** ◆◆	24 x 24 x 5/8"	0.55	33		–	–	Class A	0.85 •	•	•	•	Std	Std	•	•
	1		**1831**	24 x 24 x 5/8"	0.55	35 •		–	–	Fire Guard™	0.85 •	•	•	•	Std	•	•	•
	1		**1729_ _** ◆◆	24 x 48 x 5/8"	0.55	35 •		–	–	Class A	0.85 •	•	•	•	Std	Std	•	•
	1		**1830**	24 x 48 x 5/8"	0.55	35 •		–	–	Fire Guard	0.85 •	•	•	•	Std	•	•	•
	1		**1737**	24 x 60 x 5/8"	0.55	35 •		–	–	Class A	0.85 •	•	•	•	Std	Std	•	•
	1		**1738**	30 x 60 x 3/4"	0.55	35 •		–	–	Class A	0.85 •	•	Std	•	Std	Std	•	•
	1		**Other Size Panels**	W: 12" - 30" / L: 18" - 72" 5/8" or 3/4" thick	N/A	N/A		–	–	Class A	0.85 •	•	Std	•	Std	Std	•	•
School Zone® FINE FISSURED™																		
15/16" Square Lay-in	1		**1713**	24 x 24 x 3/4"	0.70 •	35 •		**BETTER**		Class A	0.85 •	•	•	•	Std	•	•	•
	1		**1810**	24 x 24 x 3/4"	0.70 •	40 •		**BETTER**		Fire Guard	0.85 •	•	•	•	Std	•	•	•
	1		**1714**	24 x 48 x 3/4"	0.70 •	40 •		**BETTER**		Class A	0.85 •	•	•	•	Std	•	•	•
	1		**1811**	24 x 48 x 3/4"	0.70 •	40 •		**BETTER**		Fire Guard	0.85 •	•	•	•	Std	•	•	•
	1		**Other Size Panels**	W: 12" - 30" / L: 18" - 72" 3/4" thick	N/A	N/A		–		Fire Guard	0.85 •	•	•	•	Std	Std	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 1729 B L)

SUSPENSION SYSTEMS

15/16"



Prelude®
Prelude® XL® Fire Guard™

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled). Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excluding Item 1738 and other sizes.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/ IES Standard 189; ANSI/GBI Green Building Assessment Protocol. (Except 1728, 1729 in colors)

Acoustical Performance
CAC testing conducted using Prelude XL suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
Square Lay-in Items
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty (Excludes item 1738 and other sizes)

Weight; Square Feet/Carton
1728 – 0.70 lbs/SF; 64 SF/ctn
1729 – 0.70 lbs/SF; 96 SF/ctn
1738 – 0.80 lbs/SF; 75 SF/ctn
1736, 1737 – 0.93 lbs/SF; 100 SF/ctn
1754 – 1.08 lbs/SF; 40 SF/ctn
1755 – 1.08 lbs/SF; 48 SF/ctn
1830, 1831 – 1.05 lbs/SF; 64 SF/ctn
1713, 1810 – 1.31 lbs/SF; 48 SF/ctn
1714, 1811 – 1.38 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
465M, 466M, 1728M, 1729M, 1736M, 1737M, 1738M, 1754M, 1755M, 1810M, 1811M, 1830M, 1831M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: fine fissured)
BPCS-3227-915

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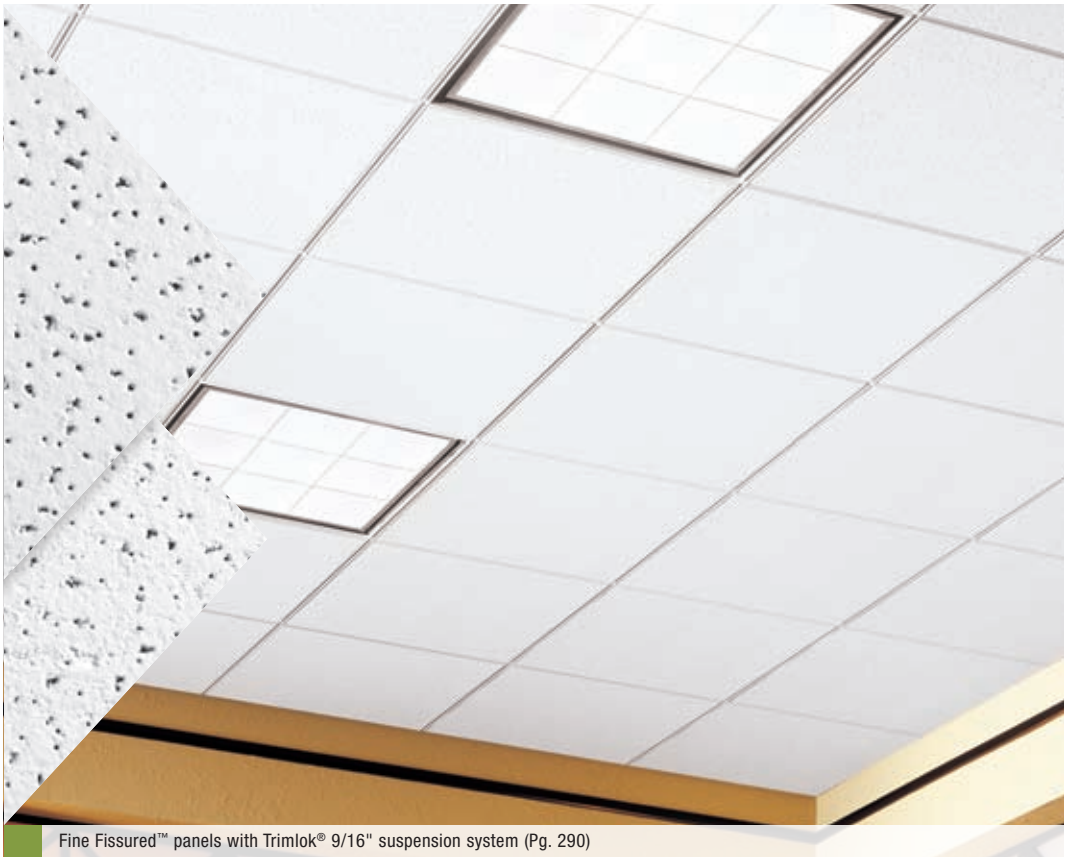
FINE FISSURED™
FINE FISSURED™ High NRC

Tegular
medium texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY

1732, 1734, 1820, 1821, 1833



Fine Fissured™ panels with Trimlok® 9/16" suspension system (Pg. 290)



See more photos at:
armstrong.com/photogallery
SEARCH: fine fissured

This economical, non-directional panel available in standard and high acoustical absorption options.

KEY SELECTION ATTRIBUTES

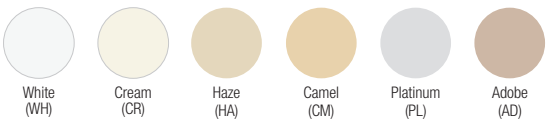
- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Options provide excellent combination of acoustical performance NRC (up to 0.75), CAC (up to 40), and Articulation Class (170)
- Fine Fissured School Zone® items help comply with ANSI S12.60 Classroom Guidelines
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Schools
- Libraries/band rooms
- Corridors
- Discount stores
- Utility rooms

COLORS

Due to printing limitations, shade may vary from actual product.



Item 1732 is available in colors.
All other items are available in White only.
Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

DETAILS

(Other Suspension Systems compatible. Refer to listing on page 186.)



1. Fine Fissured Beveled Tegular
2. Fine Fissured Angled Tegular
3. Fine Fissured Tegular with Suprafine® 9/16" suspension system

FINE FISSURED™
FINE FISSURED™ High NRC

Tegular
medium texture

UP TO 73% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓, construction waste mgmt ✓, regional materials ✓, design for flexibility ✓, EPD ✓, recyclable/extended producer resp. ✓, biobased materials ✓, recycled content ✓, sourcing of raw materials ✓, material ingredient reporting ✓, low emitting/materials ✓, lighting quality ✓, acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics: NRC	+ CAC	= Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
FINE FISSURED™ High NRC											Bio-Block	Humi-Guard+					
15/16" Angled Tegular	13	**1756**	24 x 24 x 7/8"	□	0.75 •	35 •	**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	13	**1757**	24 x 48 x 7/8"	▭	0.75 •	35 •	**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	•	•	1-Yr
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1758**	24 x 24 x 7/8"	□	0.75 •	35* •	**BETTER**	170 •	Class A	0.86 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**1759**	24 x 48 x 7/8"	▭	0.75 •	35 •	**BETTER**	170 •	Class A	0.86 •	•	Std	•	Std	•	•	1-Yr
FINE FISSURED™																	
15/16" Angled Tegular	12	**1732_ _◆◆**	24 x 24 x 5/8"	□	0.55	35 •	–	N/A	Class A	0.85 •	•	•	•	Std	•	•	•
	12	**1833**	24 x 24 x 5/8"	□	0.55	35 •	–	N/A	Fire Guard™	0.85 •	•	•	•	Std	Std	•	•
	12	**1733**	24 x 48 x 5/8"	▭	0.55	35 •	–	N/A	Class A	0.85 •	•	•	•	Std	Std	•	•

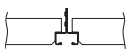
[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 1732 C R)

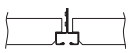
SUSPENSION SYSTEMS

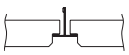
15/16"

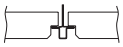

Prelude® XL®
Prelude XL Fire Guard

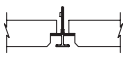
9/16"


Silhouette® 1/4" Reveal


Silhouette 1/8" Reveal


Suprafine®
Suprafine® XL® Fire Guard


Interlude®


Sonata®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled). Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol (excludes item 1732 in colors and item 1835).

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1732 – 0.70 lbs/SF; 64 SF/ctn
1733 – 0.70 lbs/SF; 80 SF/ctn
1833 – 1.05 lbs/SF; 48 SF/ctn
1756, 1758 – 1.08 lbs/SF; 40 SF/ctn
1757, 1759 – 1.08 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes other sizes

Metric Items Available
1732M, 1733M, 1756M, 1757M, 1758M, 1759M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

FINE FISSURED™
FINE FISSURED™ High NRC

Tegular
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
FINE FISSURED™																
15/16" Angled Tegular	12	**1834**	24 x 48 x 5/8"	0.55	35 •	–	N/A	Fire Guard™	0.85 •	•	•	•	Std	•	•	•
	12	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" thick	N/A	N/A	–	N/A	Fire Guard	0.85 •	•	•	•	Std	Std	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1734**	24 x 24 x 5/8"	0.55	35* •	–	N/A	Class A	0.85 •	•	•	•	Std	Std	•	•
	29, 44, 48, 52, 56, 60	**1835**	24 x 24 x 5/8"	0.55	35 •	–	N/A	Fire Guard	0.85 •	•	•	•	Std	Std	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" thick	N/A	N/A	–	N/A	Fire Guard	0.85 •	•	•	•	Std	Std	•	•
School Zone® FINE FISSURED																
15/16" Angled Tegular	13	**1717**	24 x 24 x 3/4"	0.70 •	40 •	**BETTER**	N/A	Class A	0.85 •	•	•	•	Std	•	•	•
	13	**1820**	24 x 24 x 3/4"	0.70 •	35	**BETTER**	N/A	Fire Guard	0.85 •	•	•	•	Std	•	•	•
	13	**1824**	24 x 48 x 3/4"	0.70 •	35	**BETTER**	N/A	Fire Guard	0.85 •	•	•	•	Std	•	•	•
	13	**Other Size Panels**	W: 12" - 30" / L: 18" - 72" 3/4" thick	N/A	N/A	–	N/A	Fire Guard	0.85 •	•	•	•	Std	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

FINE FISSURED™
FINE FISSURED™ High NRC

Tegular
medium texture

UP TO 73% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= NRC+CAC	Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
School Zone® FINE FISSURED™																	
9/16" Beveled Tegular 	29, 44, 48, 52, 56, 60	**1719**	24 x 24 x 3/4" ☐	0.70 •	40* •	BETTER	N/A	Class A	0.85 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**1821**	24 x 24 x 3/4" ☐	0.70 •	35 •	BETTER	N/A	Fire Guard™	0.85 •	•	•	•	Std	•	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" - 30" / L: 18" - 72" 3/4" thick	N/A	N/A	–	N/A	Fire Guard	0.85 •	•	•	•	Std	Std	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 1719 C R)

SUSPENSION SYSTEMS

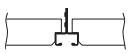
* CAC reduced two points on these suspension systems

15/16"

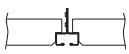


Prelude® XL®
Prelude XL Fire Guard

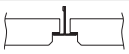
9/16"



Silhouette® 1/4" Reveal



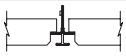
Silhouette 1/8" Reveal



Suprafine®
Suprafine XL Fire Guard



Interlude®



Sonata®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled). Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol (excludes item 1732 in colors and item 1835).

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1820, 1821 – 1.31 lbs/SF; 48 SF/ctn
1717, 1719 – 1.25 lbs/SF; 48 SF/ctn
1834 – 1.05 lbs/SF; 64 SF/ctn
1734 – 0.70 lbs/SF; 64 SF/ctn
1835 – 1.05 lbs/SF; 48 SF/ctn
1824 – 1.20 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other sizes

Metric Items Available
1820M, 1821M, 1717M, 1719M, 1834M, 1734M, 1824M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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FINE FISSURED™ Second Look®

Scored Tegular
medium texture

10-YEAR REPLACEMENT PANEL AVAILABILITY
1761

UP TO 55% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

$$$$



Fine Fissured™ Second Look® II with Suprafine® 9/16" suspension system (Pgs. 287-288)

This panel offers economical, standard acoustics and scored visuals.

KEY SELECTION ATTRIBUTES

- Geometric scored visuals
- 30-Year Limited System Warranty against visible sag, mold/mildew, aand bacterial growth

TYPICAL APPLICATIONS

- Department stores/retail
- Many types of commerical interiors

COLOR

White

FACE VIEW



Second Look I | Second Look II | Second Look III

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= NRC + CAC	Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-yr Warranty
FINE FISSURED Second Look																	
15/16" Angled Tegular	11	**1760**	24 x 48 x 3/4"	Second Look I	0.55	35 •	–		Class A	0.84 •	•	•	•	Std	Std	•	•
	11	**1761**	24 x 48 x 3/4"	Second Look II	0.55	35 •	–		Class A	0.84 •	•	•	•	Std	Std	•	•
	11	**1861**	24 x 48 x 3/4"	Second Look II	0.55	35 •	–		Fire Guard™	0.84 •	•	•	•	Std	Std	•	•
	11	**1762**	24 x 48 x 3/4"	Second Look III	0.50	35 •	–		Class A	0.84 •	•	•	•	Std	Std	•	•
9/16" Angled Tegular	27	**1765**	24 x 48 x 3/4"	Second Look I	0.55	30	–		Class A	0.84 •	•	•	•	Std	Std	•	•
	27	**1766**	24 x 48 x 3/4"	Second Look II	0.55	30	–		Class A	0.84 •	•	•	•	Std	Std	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16" — Prelude® Prelude XL Fire Guard

9/16" — Suprafine®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled.)
Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 2, Pattern C E K
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew
Ceiling panels with Bioblock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Design Consideration
Do not mix Fine Fissured Second Look with standard Fine Fissured in the same room.

Weight; Square Feet/Carton
0.75 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
1761M - Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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Armstrong®

FISSURED™

Square Lay-in & Tegular
medium texture

UP TO 41% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ● | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

$$$$



Fissured™ Angled Tegular with Prelude® 15/16" suspension system (Pgs. 279-280)

This economical panel with a directional, fissured visual offers standard acoustics.

KEY SELECTION ATTRIBUTES

- Economical
- Directional fissured image

TYPICAL APPLICATIONS

- Utility rooms
- Discount stores

COLOR

White

VISUAL SELECTION

PERFORMANCE SELECTION

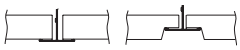
Dots represent high level of performance.

Edge Profile	Suspension Detail Dwg. Pgs. 295-299	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	Warranty
FISSURED™ Square Lay-in																
15/16" Square Lay-in	1	**756**	24 x 24 x 5/8"	□	0.55	30	–	Class A	0.81	–	Std	•	Std	Std	•	1-Yr
	1	**896**	24 x 24 x 5/8"	□	0.55	35 •	–	Fire Guard™	0.81	–	Std	•	Std	Std	•	1-Yr
	1	**755**	24 x 48 x 5/8"	▭	0.55	30	–	Class A	0.81	–	Std	•	Std	Std	•	1-Yr
	1	**895**	24 x 48 x 5/8"	▭	0.55	35 •	–	Fire Guard	0.81	–	Std	•	Std	Std	•	1-Yr
	1	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" thick		N/A	N/A	–	Class A	0.81	–	Std	•	Std	Std	•	1-Yr
FISSURED Tegular																
15/16" Angled Tegular	12	**705**	24 x 24 x 5/8"	□	0.55	30	–	Class A	0.81	–	Std	•	Std	Std	•	1-Yr
	12	**815**	24 x 24 x 5/8"	□	0.55	35 •	–	Fire Guard	0.81	–	Std	•	Std	Std	•	1-Yr
	12	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 5/8" thick		N/A	N/A	–	Class A	0.81	–	Std	•	Std	Std	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"



Prelude, Prelude®
Fire Guard™

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 2, Pattern C D
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Insulation Value
755, 756, 895, 896 –
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

705, 815 –
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Weight; Square Feet/Carton
705 – 0.69 lbs/SF; 64 SF/ctn
755 – 0.66 lbs/SF; 96 SF/ctn
756 – 0.67 lbs/SF; 64 SF/ctn
815 – 1.08 lbs/SF; 48 SF/ctn
895, 896 – 1.09 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
756M, 896M, 755M, 895M, 705M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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GEORGIAN™ &
GEORGIAN™ HIGH WASHABILITY

Square Lay-in & Tegular
medium texture

Georgian™ High Washability
School Zone® Georgian
Georgian



Georgian™ Beveled Tegular panels with Prelude® 15/16" suspension system (Pgs. 279-280)

This medium-textured panel offers good acoustics and high washability options to meet USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Unique spatter-painted visual
- Total Acoustics™ options (Items 795, 796)
- High Washability items available
  - Meets USDA/FSIS guidelines for use in food processing establishments
- Durable –
  Washable
  Scrubbable
  Impact-resistant
  Scratch-resistant
- 30-Year Limited System Warranty against visible sag (excludes item 791 and other sizes), mold, and mildew

TYPICAL APPLICATIONS

- Schools/classrooms (Items 795, 796)
- Corridors/conference rooms
- Kitchen/food preparation areas (Items 793, 794)

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 192.)



1. Georgian Beveled Tegular
2. Georgian Beveled Tegular with Prelude 15/16" suspension system
3. Georgian Beveled Tegular with Silhouette® 9/16" suspension system 1/4" Reveal

GEORGIAN™ & GEORGIAN™ HIGH WASHABILITY

Square Lay-in & Tegular
medium texture

UP TO 55% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC + CAC =	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Scrub	Durability: Impact	Durability: Scratch	Recycled Content	Recycle Program	30-Yr Warranty
GEORGIAN™																		
15/16" Square Lay-in	1	**764**	24 x 24 x 5/8"	☐	0.55 33	–	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
	1	**763**	24 x 48 x 5/8"	▭	0.55 33	–	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
15/16" Beveled Tegular	15	**1752**	24 x 24 x 5/8"	☐	0.55 35 •	–	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1753**	24 x 24 x 5/8"	☐	0.55 35* •	–	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
School Zone® GEORGIAN																		
15/16" Square Lay-in	1	**796**	24 x 24 x 3/4"	☐	0.65 35 •	✔	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
	1	**795**	24 x 48 x 3/4"	▭	0.65 35 •	✔	Class A	0.86 •	•	•	•	•	–	•	•	•	•	•
	1	**898**	24 x 48 x 3/4"	▭	0.55 35 •	–	Fire Guard™	0.86 •	•	•	•	•	–	•	•	•	•	•
	1	**791**	30 x 60 x 3/4"	▭	0.55 33	–	Class A	0.86 •	•	Std	•	•	–	•	•	•	•	1-Yr
	1	**Other Size Panels**	W: 12" - 30" / L: 18" - 72" 3/4" Thick		N/A N/A	–	Class A	0.86 •	•	Std	•	•	–	•	•	•	•	1-Yr
GEORGIAN – High Washability Panels, Unperforated																		
15/16" Square Lay-in	1	**794**	24 x 24 x 5/8"	☐	N/A 33	–	Class A	0.88 •	•	•	•	•	•	•	•	•	•	•
	1	**793**	24 x 48 x 5/8"	▭	N/A 33	–	Class A	0.88 •	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

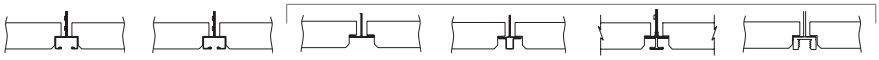
* CAC reduced two points on these suspension systems

15/16"



Prelude®

9/16"



Silhouette® 1/4" Reveal | Silhouette 1/8" Reveal | Suprafine® | Interlude® | Sonata® | Trimlok®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Items 794, 793, 828 –
Type IX, Form 2, Pattern G
Fire Class A

Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Excludes Item 791 and other size panels.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor - 1.6 (BTU units)
R Factor - 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
763, 793 – 0.67 lbs/SF; 96 SF/ctn
764, 794, 1752, 1753 – 0.72 lbs/SF; 64 SF/ctn
791 – 0.76 lbs/SF; 75 SF/ctn
898 – 1.13 lbs/SF; 64 SF/ctn
796 – 1.31 lbs/SF; 48 SF/ctn
795 – 1.38 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
1753M, 764M, 763M, 791M, 1752M, 796M, 795M, 794M, 793M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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GRAPHIS® Finetex™

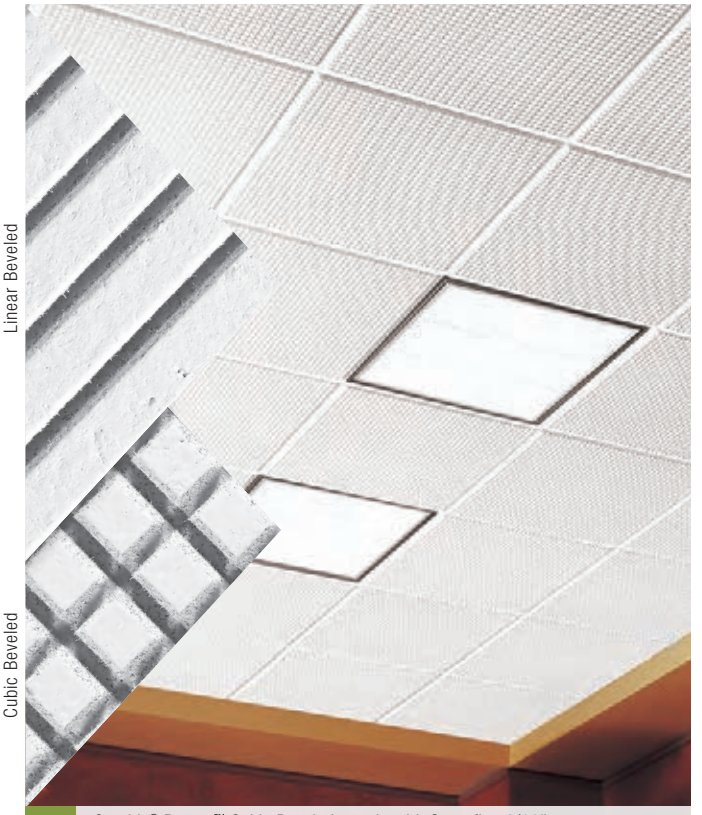
Wrapped Linear™,
Cubic & NeoCubic™
fine texture

GRAPHIS® Rustex™

Cubic Beveled &
Linear Beveled
coarse texture



Graphis® Finetex™ Wrapped Linear™ panels with Suprafine® 9/16" suspension system (Pgs. 287-288)



Graphis® Rustex™ Cubic Beveled panels with Suprafine 9/16" suspension system (Pgs. 287-288)

These panels offer bold geometric and linear patterns with unique visual designs.

KEY SELECTION ATTRIBUTES

Finetex

- Finely sculptured geometric patterns
- Single- and multi-design options
- High light reflectance
- 30-Year Limited System Warranty against visible sag, mold and mildew

Rustex

- Bold geometric designs
- Good sound absorption
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

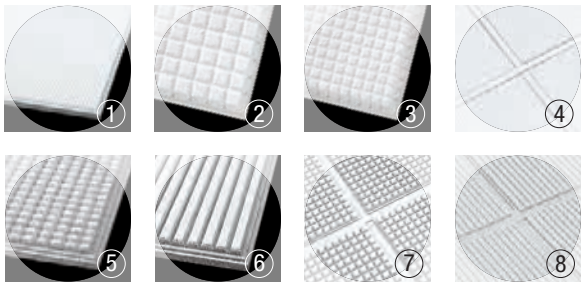
- Department stores/retail
- Many types of commercial interiors
- Airports/bus/train stations

NOTE: Finetex panels are not recommended for areas requiring acoustical performance

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on pages 194.)



1. Graphis® Finetex™ Wrapped Linear
2. Graphis® Finetex™ Cubic
3. Graphis® Finetex™ NeoCubic™
4. Graphis® Finetex™ Wrapped Linear with Suprafine 9/16" suspension system
5. Graphis® Rustex™ Cubic Beveled
6. Graphis® Rustex™ Linear Beveled
7. Graphis® Rustex™ Cubic Beveled with Suprafine 9/16" suspension system
8. Graphis® Rustex™ Linear Beveled with Suprafine 9/16" suspension system

GRAPHIS® Finetex™ & Rustex™

Wrapped Linear™, Cubic & NeoCubic™ fine texture

Cubic Beveled & Linear Beveled coarse texture

UP TO 72% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp. ✓; biobased materials ✓; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials ✓; lighting quality ✓; acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

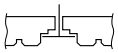
$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist	Durability	Recycled Content	Recycle Program	30-Yr Warranty
GRAPHIS® Finetex														
	Wrapped Linear													
9/16" Wrapped Tegular	34	**8005**	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.90 •	–	–	Std	Std	•	•
	Cubic													
	36	**8006**	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.90 •	–	–	Std	Std	•	•
	NeoCubic													
	35	**8007**	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.90 •	–	–	Std	Std	•	•
GRAPHIS® Rustex™														
	Cubic Beveled													
15/16" Beveled Tegular	20	**2600**	24 x 24 x 3/4" ☐	0.55	30	–	Class A	0.75	•	–	Std	•	•	•
	Linear Beveled													
	20	**2602**	24 x 24 x 3/4" ☐	0.55	30	–	Class A	0.75	•	–	Std	•	•	•
	Cubic Beveled													
9/16" Beveled Tegular	33	**2600**	24 x 24 x 3/4" ☐	0.55	30	–	Class A	0.75	•	–	Std	•	•	•
	Linear Beveled													
	33	**2602**	24 x 24 x 3/4" ☐	0.55	30	–	Class A	0.75	•	–	Std	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"

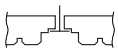


Prelude® Beveled Tegular

9/16"



Suprafine® Wrapped Tegular



Suprafine® Beveled Tegular

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern J Z
Fire Class A

Anti-Mold/Mildew (Rustex only)
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor - 1.6 (BTU units)
R Factor - 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
0.90 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
2600M, 2602M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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KITCHEN ZONE™

Square Lay-in
smooth texture



Kitchen Zone™ 24" x 24" panels with Prelude® 15/16" suspension system (Pgs. 279-280)

A better option to vinyl-covered gypsum, this panel offers a lower cost, lighter weight, more pieces per carton, and meets USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Easier to cut with less dust
- Recyclable through Armstrong Recycling Program
- Brighter visual with 20% more light reflectance than vinyl-covered gypsum
- Durable – Water-repellent, Washable, Scratch-resistant, Soil-resistant
- Smooth surface meets USDA/FSIS guidelines for use in food processing areas
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Kitchen/food preparation areas
- Laboratories
- Cafeterias
- Lavatories/restrooms

COLOR

White

DETAILS





1. Kitchen Zone Lay-in
2. Kitchen Zone Lay-in with Prelude 15/16" suspension system

KITCHEN ZONE™

Square Lay-in
smooth texture

UP TO 36% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Water Repel (Durability)	Wash (Durability)	Scratch (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
KITCHEN ZONE™																		
15/16" Square Lay-in	1	**673**	24 x 24 x 5/8"	N/A	33	–	Class A	0.89 •	•	•	–	•	•	•	•	•	•	•
	1	**672**	24 x 48 x 5/8"	N/A	33	–	Class A	0.89 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"

Prelude®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

ASTM E1264 Classification
Type IX, Form 2, Pattern G
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Application Consideration
Not designed for use in close proximity to commercial grease ducts.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Cleaning Recommendations
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

Weight; Square Feet/Carton
672 – 0.67 lbs/SF; 96 SF/ctn
673 – 0.82 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton

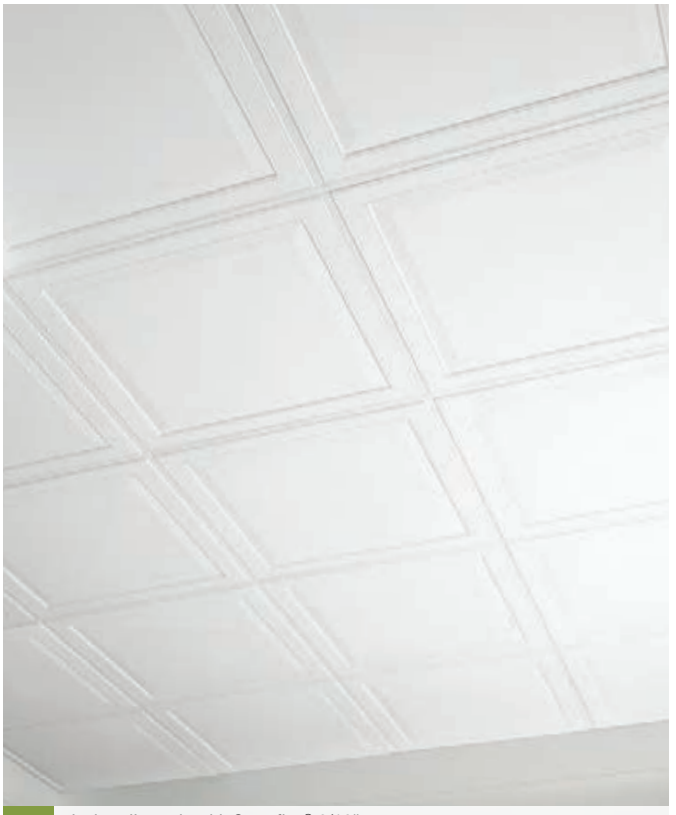
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LEDGES®

Tegular
smooth texture



Ledges® I panels with Prelude® 15/16" suspension system (Pgs. 279-280)



Ledges II panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

The dimensional look of old-world plaster ceilings is available in two classic designs.

KEY SELECTION ATTRIBUTES

- Dimensional, sculptured visual
- Affordable and practical alternative to embossed plaster panels
- Non-directional visual reduces installation time and scrap

TYPICAL APPLICATIONS

- Department stores/retail
- Many types of commercial interiors

NOTE: Not recommended for areas requiring acoustical performance

COLOR

White

FACE VIEWS



Ledges I panel



Ledges II panel

DETAILS



1. Ledges I Flush Tegular
2. Ledges II Flush Tegular
3. Ledges I with Prelude 15/16" suspension system
4. Ledges II with Suprafine 9/16" suspension system

UP TO 43% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	

▲ LOCATION DEPENDENT

LEDGES®

Tegular
smooth texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist	Durability	Recycled Content	Recycle Program	Warranty
LEDGES® I														
15/16" Flush Tegular	3	**8011**	24 x 24 x 3/4"	N/A	35 •	–	Class A	0.80	•	Std	Std	Std	•	1-Yr
LEDGES II														
9/16" Flush Tegular	25	**8013**	24 x 24 x 3/4"	N/A	33	–	Class A	0.80	•	Std	Std	Std	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Suprafine®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern J Z
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling tiles, adequate where the building is enclosed and the HVAC is continuously functioning.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

Insulation Value
R Factor - 1.6 (BTU units)
R Factor - 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
0.90 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

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LYRA™
LYRA™ High CAC

Square Lay-in
smooth texture

TOTAL ACOUSTICS™



Lyra™ High CAC Square Tegular panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: lyra

These smooth, white, drywall-like visual panels are available in 11 standard sizes.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Smooth drywall-like ceiling visual
- 11 standard panel sizes
- High acoustics (NRC 0.95, AC up to 200)
- Excellent sound-blocking High CAC item 8732
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Sag-resistant panels
- Compatible with the TechZone® Ceiling Systems
- Coordinates with Blizzard White suspension system and Axiom® trim
- Specials capability for non-standard sizes
- Product can be recycled through the Armstrong Recycling Program
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR

White

DETAILS



Lyra Square Lay-in

LYRA™
LYRA™ High CAC

Square Lay-in
smooth texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics: NRC	+ CAC	= NRC+CAC	Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
LYRA™ High CAC																					
15/16" Square Lay-in	1	new 8732	24 x 24 x 1-3/4"	0.95* •	42* •	BEST	200 •	Class A	0.88	•**	•	–	•	–	•	•	•	•	•	•
LYRA																					
15/16" Square Lay-in	1	8372	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	1	8373	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	1	8450	24 x 72 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	1	8452	30 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	1	8453	30 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	1	8370	48 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	23	8334	4 x 48 x 1"	0.95 •	N/A	–	N/A	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	23	8335	4 x 60 x 1"	0.95 •	N/A	–	N/A	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	23	8336	6 x 48 x 1"	0.95 •	N/A	–	N/A	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•
	23	8337	6 x 60 x 1"	0.95 •	N/A	–	N/A	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

* This item is not UL classified.

** Contains BioBlock® coating.

ACCESSORIES (must be ordered separately)

435



Stabilizer Clip (3/4" & 1")

Recommended for panels 60" and greater in length

NOTE: Panels 60" up to 96" – One clip near mid-point of each long edge.
Panels 96" and over – Two clips at 1/3 points of each long edge.

7870

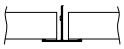


Spring Border Clip

(For installations with the panel resting on the wall molding)

SUSPENSION SYSTEMS

15/16"



Prelude®

PHYSICAL DATA

Material
Lyra: Fiberglass with acoustically transparent membrane
Lyra High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber.

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled – excludes item 8732.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew. Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists growth of mold and mildew.

Acoustical Performance
CAC testing conducted using Prelude XL suspension system.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770. Excludes Lyra High CAC.

Insulation Value
Lyra: R Factor – 4.4 (BTU units);
R Factor – 0.76 (Watts units)
Lyra High CAC: R Factor – 5.38 (BTU units);
R Factor – 0.95 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System.
Details at armstrong.com/warranty

Weight; Square Feet/Carton
8372, 8373 – 0.44 lbs/SF; 96 SF/ctn
8370 – 0.44 lbs/SF; 96 SF/ctn
8450 – 0.46 lbs/SF; 72 SF/ctn
8452 – 0.46 lbs/SF; 75 SF/ctn
8453 – 0.46 lbs/SF; 100 SF/ctn
8336 – 0.44 lbs/SF; 24 SF/ctn
8337 – 0.44 lbs/SF; 30 SF/ctn
8334 – 0.44 lbs/SF; 16 SF/ctn
8335 – 0.44 lbs/SF; 20 SF/ctn
8732 – 1.77 lbs/SF; 24 SF/ctn

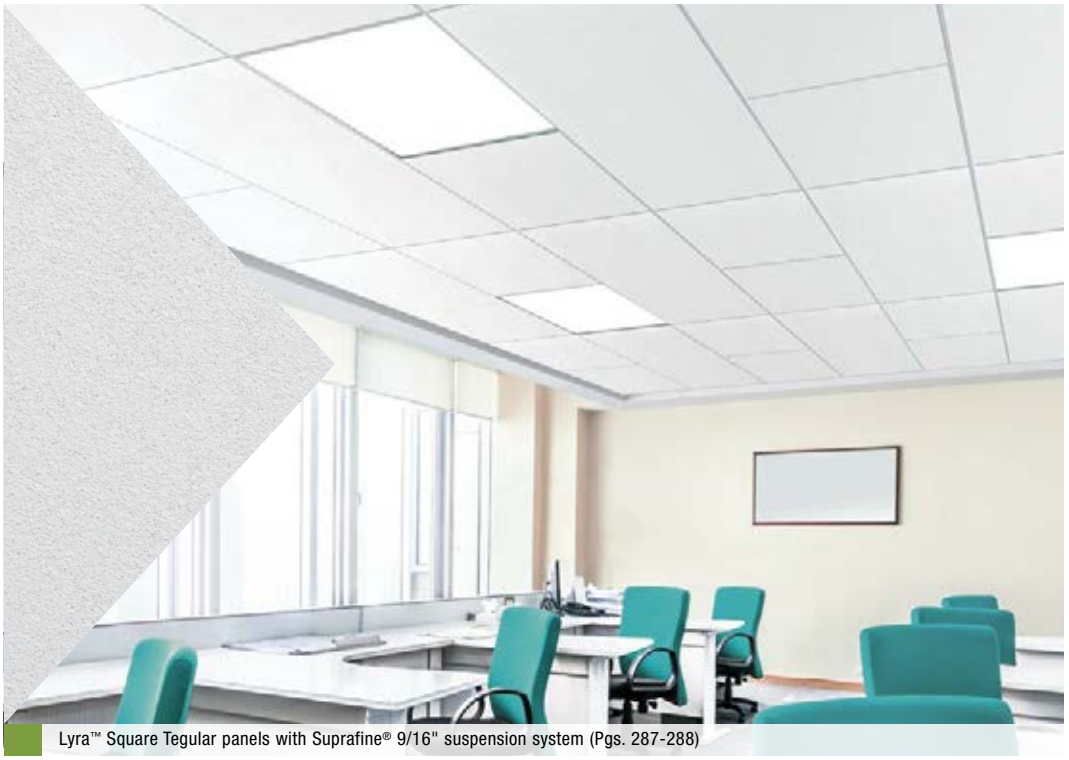
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LYRA™
LYRA™ High CAC

Tegular
smooth texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY



Lyra™ Square Tegular panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: lyra

These smooth, white, drywall-like visual panels are available in 24 standard sizes.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Smooth drywall-like ceiling visual
- 24 standard panel sizes
- High acoustics (NRC 0.95, AC up to 200)
- Excellent sound-blocking High CAC items 8730, 8731
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Sag-resistant panels
- Product can be recycled through the Armstrong Recycling Program
- Compatible with the TechZone® Ceiling Systems (pgs. 251-257)
- Coordinates with Blizzard White suspension system and Axiom® trim
- Specials capability for non-standard sizes
- 30-Year Limited System Warranty against visible sag, mold and mildew

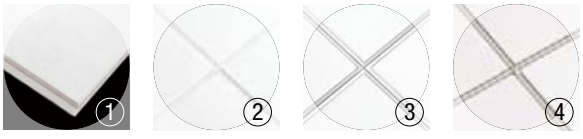
TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 202.)



1. Lyra Square Tegular
2. Lyra Tegular with Suprafine 9/16" suspension system and Blizzard White finish
3. Lyra Tegular with Silhouette® XL® 9/16" suspension system with 1/4" or 1/8" reveal and Blizzard White finish
4. Lyra Tegular with Interlude® XL® suspension system

LYRA™
LYRA™ High CAC

Tegular
smooth texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC =	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
LYRA™ High CAC																			
15/16" Square Tegular	8	new 8730	24 x 24 x 1-3/4"	0.95* •	42*	BEST	200 •	Class A	0.88 •	•**	•	–	•	•	•	•	•	•	•
9/16" Square Tegular	26	new 8731	24 x 24 x 1-3/4"	0.95* •	42* •	BEST	200 •	Class A	0.88	•**	•	–	•	•	•	•	•	•	•
LYRA																			
15/16" Square Tegular	8	8360	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	8	8352	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	8	8355	48 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
9/16" Square Tegular	26	8344	4 x 48 x 1"	N/A	N/A	–	NA	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	8345	4 x 60 x 1"	N/A	N/A	–	NA	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	8346	6 x 48 x 1"	N/A	N/A	–	NA	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	8347	6 x 60 x 1"	N/A	N/A	–	NA	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

* These items are not UL classified.

** Contains BioBlock® coating.

ACCESSORIES (must be ordered separately)

435



Stabilizer Clip (3/4" & 1")

Recommended for panels 60" and greater in length

NOTE: Panels 60" up to 96" – One clip near mid-point of each long edge.
Panels 96" and over – Two clips at 1/3 points of each long edge.

7870

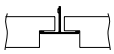


Spring Border Clip

(For installations with the panel resting on the wall molding)

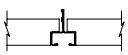
SUSPENSION SYSTEMS

15/16"

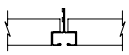


Prelude®

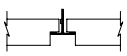
9/16"



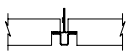
Silhouette® 1/4" Reveal



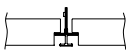
Silhouette 1/8" Reveal



Suprafine®



Interlude® XL® HRC



Sonata® XL®

PHYSICAL DATA

Material
Lyra: Fiberglass with acoustically transparent membrane
Lyra High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber.

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled – excludes items 8730 and 8731.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to but not including standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew. Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists growth of mold and mildew.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770. Excludes Lyra High CAC.

Insulation Value
Lyra: R Factor – 4.4 (BTU units);
R Factor – 0.76 (Watts units)
Lyra High CAC: R Factor – 5.38 (BTU units);
R Factor – 0.95 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
8360, 8352 – 0.46 lbs/SF; 96 SF/ctn
8355 – 0.46 lbs/SF; 96 SF/ctn
8346 – 0.44 lbs/SF; 24 SF/ctn
8347 – 0.44 lbs/SF; 30 SF/ctn
8461, 8466 – 0.44 lbs/SF; 70 SF/ctn
8344 – 0.44 lbs/SF; 16 SF/ctn
8345 – 0.44 lbs/SF; 20 SF/ctn
8730, 8731 – 1.77 lbs/SF; 24 SF/ctn

LYRA™
LYRA™ High CAC

Tegular
smooth texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC =	Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
LYRA™ Square Tegular																		
9/16" Square Tegular	26	**8377**	12 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8379**	12 x 96 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8361**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8357**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8365**	24 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8381**	24 x 72 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8382**	24 x 96 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8461**	28 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8359**	30 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8385**	30 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8376**	36 x 36 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8462**	42 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

FIBERGLASS

LYRA™
LYRA™ High CAC

Tegular
smooth texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

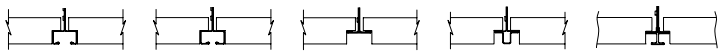
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC + CAC =	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
LYRA™ Square Tegular																			
9/16" Square Tegular	26	**8463**	44 x 48 x 1"		0.95 • N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8356**	48 x 48 x 1"		0.95 • N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•
	26	**8466**	56 x 30 x 1"		0.95 • N/A	–	190 •	Class A	0.88 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

9/16"



Silhouette® 1/4" Reveal | Silhouette 1/8" Reveal | Suprafine® | Interlude® XL® HRC | Sonata® XL®

PHYSICAL DATA

Material
Lyra: Fiberglass with acoustically transparent membrane
Lyra High CAC: Composite of fiberglass with acoustically transparent membrane and wet-formed mineral fiber.

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass substrate is inherently resistant to the growth of mold and mildew. Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists growth of mold and mildew.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770. Excludes Lyra High CAC.

Insulation Value
Lyra: R Factor – 4.4 (BTU units);
R Factor – 0.76 (Watts units)
Lyra High CAC: R Factor – 5.38 (BTU units);
R Factor – 0.95 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System.
Details at armstrong.com/warranty

Weight; Square Feet/Carton
8356 – 0.46 lbs/SF; 96 SF/ctn
8377, 8379 – 0.50 lbs/SF; 48 SF/ctn
8361, 8357 – 0.46 lbs/SF; 96 SF/ctn
8365 – 0.50 lbs/SF; 100 SF/ctn
8381 – 0.50 lbs/SF; 72 SF/ctn
8382 – 0.50 lbs/SF; 96 SF/ctn
8359, 8376 – 0.46 lbs/SF; 75 SF/ctn
8385 – 0.46 lbs/SF; 100 SF/ctn
8461, 8466 – 0.44 lbs/SF; 70 SF/ctn
8462 – 0.44 lbs/SF; 112 SF/ctn
8463 – 0.44 lbs/SF; 117 SF/ctn
8730 – 1.77 lbs/SF; 20 SF/ctn
8731 – 1.77 lbs/SF; 20 SF/ctn

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MESA™/MESA™ Second Look®

Square Lay-in & Tegular
fine texture

TOTAL ACOUSTICS™



Mesa™ panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: mesa

Fine-textured visual with good sound absorption and excellent sound-blocking options. Second Look® items offer a scored visual.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Fine-textured visual
- Excellent sound-blocking option
- USDA Certified Biobased Product – 100%
- Non-directional visual reduces installation time and scrap (excludes Second Look items)
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Offices/conference rooms
- Healthcare – assists in addressing HIPAA, HCAHPS and FGI acoustical requirements (excludes items 680 and 683)
- Schools/classrooms
- Corridors
- Lobbies/reception areas
- Computer rooms

COLOR

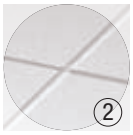
White

FACE VIEW

Mesa Second Look II panel – Scoring created nominal 24 x 24" squares

DETAILS (Other Suspension Systems compatible. Refer to listing on page 206.)





1. Mesa
2. Mesa with Suprafine 9/16" suspension system

MESA™/MESA™ Second Look®

Square Lay-in & Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 100%

UP TO 56% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Scratch Durability	Recycled Content	Recycle Program	30-Yr Warranty
MESA™														
15/16" Square Lay-in	1	**680**	24 x 24 x 3/4"	0.60 33	–	Class A	0.85 •	•	•	•	•	•	•	•
	1	**683**	24 x 48 x 3/4"	0.60 33	–	Class A	0.85 •	•	•	•	•	•	•	•
	1	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 3/4" Thick	N/A N/A	–	Class A	0.85 •	•	•	•	•	•	•	•
15/16" Angled Tegular	13	**681**	24 x 24 x 3/4"	0.60 35 •	GOOD	Class A	0.85 •	•	•	•	•	•	•	•
	13	**686**	24 x 24 x 3/4"	0.60 40 •	GOOD	Class A	0.85 •	•	•	•	•	•	•	•
	13	**684**	24 x 48 x 3/4"	0.60 35 •	GOOD	Class A	0.85 •	•	•	•	•	Std	•	•
	13	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 3/4" Thick	N/A N/A	–	Class A	0.85 •	•	•	•	•	Std	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**682**	24 x 24 x 3/4"	0.60 35* •	GOOD	Class A	0.85 •	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**687**	24 x 24 x 3/4"	0.60 40 •	GOOD	Class A	0.85 •	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**685**	24 x 48 x 3/4"	0.60 35 •	GOOD	Class A	0.85 •	•	•	•	•	Std	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" – 30" / L: 18" – 72" 3/4" Thick	N/A N/A	–	Class A	0.85 •	•	•	•	•	Std	•	•
MESA™ Second Look® II														
15/16" Angled Tegular	11	new **688**	24 x 48 x 3/4"	0.60 35 •	GOOD	Class A	0.85 •	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in other sizes.

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Silhouette® 1/4" Reveal; Silhouette 1/8" Reveal; Suprafine®; Interlude®; Sonata®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Design Consideration
Do not mix Mesa Second Look with Standard Mesa in the same room.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
680, 681, 682 – 1.02 lbs/SF; 48 SF/ctn
683, 684, 685 – 1.02 lbs/SF; 64 SF/ctn
686, 687 – 1.40 lbs/SF; 48 SF/ctn
688 – 1.02 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
680M, 683M, 682M, 681M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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METAPHORS®

Crown, Cove, Convex, Bead & Linear coffers and infill panels



Metaphors® Cove Coffers with Ultima® Lay-in infill panels

Metaphors® coffers are available in over 700 standard color, design, and acoustical combinations.

KEY SELECTION ATTRIBUTES

- Five different coffer designs in four standard colors
- Infill panels available in Infusions®, MetalWorks™, MetalWorks Tin, WoodWorks®, and Ultima® visuals
- Enhance acoustics with MetalWorks perforated or Ultima infill panels (NRC 0.70-0.90)
- Custom options:
  - Coffers available in coordinating custom colors
  - Suspension systems available in coordinating custom colors
  - For details on custom infill panels and/or coffer colors, contact TechLine at 1 877 ARMSTRONG

TYPICAL APPLICATIONS

- Retail
- Hospitality
- Assisted Living

COLORS – COFFERS

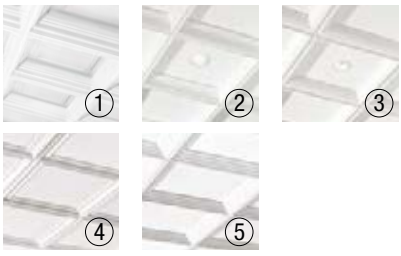
Due to printing limitations, shade may vary from actual product.



White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Black (BL)

Sherwin-Williams® colors available on coffers and suspension systems. Contact TechLine at 1-877-ARMSTRONG

METAPHORS COFFERS STYLES



1. Metaphors® Crown coffers with Ultima® 18" x 18" infill panel, Suprafine® 9/16" suspension system (Pgs. 287-288)
2. Metaphors® Cove coffers with Ultima 18" x 18" infill panel, Suprafine 9/16" suspension system (Pgs. 287-288)
3. Metaphors® Convex coffers with Ultima 18" x 18" infill panel, Suprafine 9/16" suspension system (Pgs. 287-288)
4. Metaphors® Bead coffers with Ultima 18" x 18" infill panel, Suprafine 9/16" suspension system (Pgs. 287-288)
5. Metaphors® Linear coffers with Ultima 18" x 18" infill panel, Suprafine 9/16" suspension system (Pgs. 287-288)

METAPHORS INFILL PANEL SELECTION

Due to printing limitations, shade may vary from actual product.

Infusions®



Clear Arbor (TCA) | Blue Arbor (TBA) | Refined Kiwi (TRK) | Refined Reef (TRR) | Refined Lagoon (TRL) | Refined Plum (TRP) | Refined Tangerine (TRT) | Spun Copper (TSC) | Linen Gold (TLG)

MetalWorks™



White (WH) | Silver Grey (SG) | Gun Metal Grey (MY) | Black (BL) | Microperforated*

MetalWorks™ Tin



Item 6613 in White (TWH) | Item 6613 in Bare Steel (TNA) | Item 6613 in Lacquered Steel (TLS) | Item 6614 in White (TWH) | Item 6614 in Bare Steel (TNA) | Item 6614 in Lacquered Steel (TLS) | Extra Microperforated** | Item 6615 in White (TWH) | Item 6615 in Bare Steel (TNA) | Item 6615 in Lacquered Steel (TLS) | Item 6616 in White (TWH) | Item 6616 in Bare Steel (TNA) | Item 6616 in Lacquered Steel (TLS)

WoodWorks®



Bamboo Patina (BAP)*** | Bamboo Native (BAN)* | Natural Variations™ Maple (NMP) | Natural Variations Light Cherry (NLC) | Natural Variations Dark Cherry (NDC) | Natural Variations Walnut (NWN) | Natural Variations Light Oak (NOK) | Natural Variations Dark Walnut Espresso (NWE)

Ultima®

White

* Available for all MetalWorks finishes
** Available for all Tin items and finishes
*** Bamboo Native is a premium veneer option managed through Architectural Specialties due to the potential for significant color variation panel to panel. Minimum order quantity and extended lead time may apply.
NOTE: For details about premium and custom infill panel patterns, perforations, and finishes, contact TechLine at 1 877 ARMSTRONG.

METAPHORS®

Crown, Cove, Convex, Bead & Linear coffers and infill panels

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Description	Dimensions (Inches)	Fire Rating	Recycled Content	Recycle Program	Warranty
METAPHORS® Coffers								
9/16" or 15/16"	78, 83	**5726**_ _◆◆	Crown Coffer	24 x 24 x 3"	Class A	Std	–	1-Yr
9/16" or 15/16"	79, 84	**5727**_ _◆◆	Cove Coffer	24 x 24 x 3"	Class A	Std	–	1-Yr
9/16" or 15/16"	80, 85	**5725**_ _◆◆	Convex Coffer	24 x 24 x 1.94"	Class A	Std	–	1-Yr
9/16" or 15/16"	82, 87	**5728**_ _◆◆	Bead Coffer	24 x 24 x 1.125"	Class A	Std	–	1-Yr
9/16" or 15/16"	81, 86	**5729**_ _◆◆	Linear Coffer	24 x 24 x 2"	Class A	Std	–	1-Yr

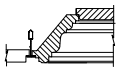
◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 5726 S G)

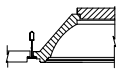
Edge Profile	Item No.**	Description	Dimensions (Inches)		UL Classified Acoustics NRC + CAC = Total Acoustics[1]	Fire Rating	Recycle Content	Recycle Program	30-Yr Warranty
METAPHORS Infill Panels					UL Classified				
Square Lay-in	**6541** _ _ _**	Infusions® Infill Panel	18 x 18 x 0.125"	☐	N/A N/A –	Class A	Std	–	1-Yr
Square Lay-in	**6613**_ _ _ _ _** MetalWorks™ Tin Infill Panel Unperforated (B1) **6614**_ _ _ _ _** MetalWorks™ Tin Infill Panel Extra Microperforated (B3) **6615**_ _ _ _ _** **6616**_ _ _ _ _**		18 x 18 x 0.010"	☐	N/A N/A –	Class A	Std	–	1-Yr
Square Tegular	**6448M1** _ _ ** **6448M2** _ _ **	MetalWorks™ Infill Panel Unperforated (M1) MetalWorks™ Infill Panel Microperforated (M2)	18 x 18 x 0.021"	☐	N/A N/A –	Class A	Std	–	1-Yr
Square Tegular	**6447W1** _ _ _**	WoodWorks® Infill Panel	18 x 18 x 0.75"	☐	– 38 • –	Class A	•	–	1-Yr
Beveled Tegular	**1918**	Ultima® Infill Panel	18 x 18 x 0.75"	☐	0.70 • 35 • ✔	Class A	•	•	•

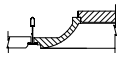
[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound blocking performance in one product.
** Add 2-, 3-, or 5-letter color suffix item number when specifying or ordering (e.g., 6541 T R K). For perforated items, include the 2-digit perforation suffix and 3-letter color suffix (e.g., 6448M1 S G, 6613B3 T W H, 6447W1 N M P).

SUSPENSION SYSTEMS

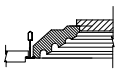
15/16"*** or 9/16"


Suprafine® suspension system with Crown Coffer


Suprafine suspension system with Cove Coffer


Suprafine suspension system with Convex Coffer


Suprafine suspension system with Bead Coffer


Suprafine suspension system with Linear Coffer

*** 15/16" not shown

PHYSICAL DATA

Material
5725, 5726, 5727, 5728, 5729 – Glass reinforced gypsum coffer; 6541 – Polycarbonate; 6448 – Electrogalvanized steel; 6613, 6614, 6615, 6616 – Steel; 6447 – Fire retardant particle board with face-cut veneers, California Air Resources Board (CARB) Compliant; 1918 – Wet-formed mineral fiber

Surface Finish
6541 – Smooth; 6448 – Factory-applied powder coated finish (post-coated); 6614, 6615, 6616 – White, factory-applied powder-coated finish; Bare Steel, unfinished; Lacquered Steel, factory-applied lacquered finish; 6447 – Clear or tinted semi-gloss coating; 1918 – DuraBrite® with factory-applied latex paint

Fire Performance
All items except 6541 – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. 6541 – Infusions panels have been tested according to the NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

ASTM E1264 Classification
6448 – Fire Class A; Unperforated - Type XX, Pattern G; Perforated – Type X, Pattern C; 6613, 6614, 6615, 6616 – Fire Class A; Unperforated – Type XX, Pattern J Z; Perforated – Type XX, Pattern C J Z; 6447 – Composite – Fire Class A; 1918 – Type IV, Form 2, Pattern E, Fire Class A

Insulation Value
1918 – R Factor 2.2 (BTU units)
R Factor 0.39 (Watts units)

Application Considerations
Clear plenum height must be at least 9 inches to accommodate 24" x 24" Metaphors Coffers. Bead profile requires only 5 inches. Coffers are intended for full panel installation only. Do not cut.

Seismic Restraint
Engineered, tested, and approved for application in all seismic areas.

Warranty
One (1) year limited warranty.
Details at armstrong.com/warranty

Weight; Square Feet/Carton
5725, 5726, 5727, 5728, 5729 - 2.35 lbs/SF; 20 SF/ctn; 5 pcs/ctn
6541 – 0.8 lbs/SF; 13.5 SF/ctn; 6 pcs/ctn
6448 – 0.89 lbs/SF; 22.5 SF/ctn
6613, 6614, 6615, 6616 – 0.50 lbs/SF; 22.5 SF/ctn
6447 – 2.75 lbs/SF; 22.5 SF/ctn; 10 pcs/ctn
1918 – 1.08 lbs/SF; 22.5 SF/ctn; 10 pcs/ctn

Minimum Order Quantity
4 cartons

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OPTIMA® Concealed

Concealed Suspension
fine texture



Optima® Concealed panels with Prelude® XL® 15/16" suspension system

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: optima

Fine texture acoustical panels with a fully concealed suspension system create a monolithic look with accessibility.

KEY SELECTION ATTRIBUTES

- Large format acoustical panels
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.90)
- Smooth, clean, durable finish –
  Washable
  Scratch-resistant
  Soil-resistant
- Energy-saving, high light-reflective finish
- 30-Year Limited System Warranty against visible sag, mold, and mildew

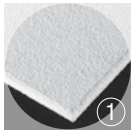
TYPICAL APPLICATIONS

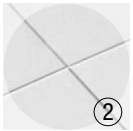
- Renovation – installs on existing 15/16" suspension system
- Open plan office areas
- Auditoriums
- Areas with limited plenum depth
- Areas with indirect lighting systems

COLOR

White

DETAILS





1. Optima Concealed
2. Optima Concealed with Prelude XL 15/16" suspension system

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

new OPTIMA® Concealed

Concealed Suspension
fine texture

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)
OPTIMA® Concealed			
Quick Kerf™ Edge	106	**8537**	24 x 48 x 7/8"
	106	**8535**	24 x 72 x 7/8"
Non-support Edge	106	**8536**	24 x 96 x 7/8"
	106	**8534**	30 x 30 x 7/8"
	106	**8538**	48 x 48 x 7/8"
	106	**8539**	48 x 48 x 7/8"
	106	**FastSize™ Panels**	W: 4" – 30" / L: 12" – 96" W: >30" – 48" / L: 12" – 48" 7/8" Thick

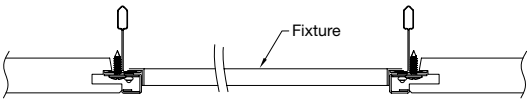
PERFORMANCE SELECTION Dots represent high level of performance. $$$$

UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
0.90 •	–	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	
0.90 •	–	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	
0.90 •	–	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	
0.90 •	–	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	
0.90 •	–	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	
0.80 •	26	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	–	•	
N/A	N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

FastSize: Factory-finished, made-to-order sizes, shipped fast (1 carton min.) Designed for panels around lights and diffusers. For full field installations of special sizes, contact Armstrong customer service.

CONCEALED – FIXTURE TRIMS



FIXTURE TRIM

Item No.	Length	Pcs	Color
FTP4ZW	4" Optima Concealed Fixture Kit	24	Blizzard White
FTP6ZW	6" Optima Concealed Fixture Kit	24	Blizzard White
FTP24ZW	24" Optima Concealed Fixture Kit	24	Blizzard White
FTP48ZW	48" Optima Concealed Fixture Kit	24	Blizzard White
FTP96ZW	96" Optima Concealed Fixture Kit	24	Blizzard White
Other Size Fixture Trims	4" to 96" Trim Pieces	–	Blizzard White (custom colors available)

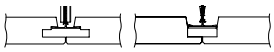
Fixture trim kits include 24 straight trim pieces, 24 corner brackets, screws, and pop rivets. Example: For a space with 24" x 48" fixtures, order (1) 24" kit FTP24ZW and (1) 48" kit FTP48ZW. This will frame (12) 24" x 48" fixtures.

ACCESSORIES (must be ordered separately)

Item No.		
441		Border Clip. Used for corners and special cutouts.
442A		Hold Down Clip
7425 / 7445		24" Stabilizer Bar / 48" Stabilizer Bar
522		Mid-point Clip (Needed for panels over 30" wide)
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

SUSPENSION SYSTEMS

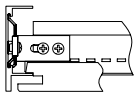
15/16"



Quick Kerf Edge Non-support Edge

Prelude® XL®

AXIOM® TRIM DETAIL



Optima Concealed with Axiom® Vector® trim for cloud friendly design. Blizzard White color and texture coordinated finish available to complement Optima Ceiling Panels.

PHYSICAL DATA

Material
8534, 8535, 8536, 8537, 8538 – Fiberglass with DuraBrite® acoustically transparent membrane. 8539 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

Primary (Embodied) Energy
See all LCA information on our EPD's.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 3.5 (BTU units)
R Factor – 0.62 (Watts units)

Design Consideration
Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges. Panel sizes less than 24" x 24" are not recommended for full field installations.

Installation Consideration
Optima Concealed panels must be installed on a square, level suspension system as tolerance is near zero.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
8534 – 0.55 lbs/SF; 75 SF/ctn
8535 – 0.55 lbs/SF; 72 SF/ctn
8536, 8537 – 0.55 lbs/SF; 96 SF/ctn
8538, 8539 – 0.55 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton

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FIBERGLASS

OPTIMA®

Square Lay-in
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

10-YEAR REPLACEMENT PANEL AVAILABILITY

3152, 3153



Optima® Square Lay-in with Prelude® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: optima

Smooth-textured Optima panels provide excellent acoustical absorption and more standard-size options than any other texture in the line.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Items with PB suffix are manufactured with a plant-based binder
- Sag-resistant large-size panels
- Compatible with TechZone™ Ceiling Systems (Pgs. 251-257)
- Item 3352 available with Create!™ printed images and patterns, see pages 175-177
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Waiting rooms/nurses' stations – assists in addressing HIPAA and FGI acoustical requirements
- Areas with indirect lighting systems

COLOR

White

DETAILS





1. Optima Square Lay-in
2. Optima Square Lay-in with Prelude 15/16" suspension system

OPTIMA®

Square Lay-in
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials (LOCATION DEPENDENT); design for flexibility; EPD; recyclable/extended producer resp.; biobased materials (PB ONLY); recycled content; sourcing of raw materials; material ingredient reporting (PB ONLY); low emitting/materials (PB ONLY); lighting quality; acoustics

VISUAL SELECTION

PERFORMANCE SELECTION

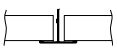
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC =	Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Wash (Durability)	Impact (Durability)	Scratch (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA®																		
15/16" Square Lay-in	1	new **1462**	4 x 48 x 1"	N/A N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	new **1463**	4 x 60 x 1"	N/A N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**1400**	6 x 48 x 1"	N/A N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**1404**	6 x 60 x 1"	N/A N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**3156**	20 x 60 x 1"	0.95 • N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**3150** **3150PB**	24 x 24 x 3/4"	0.90 • N/A	–	180 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
	1	**3152** **3152PB**	24 x 24 x 1"	0.95 • N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
	1	**3352**	24 x 24 x 1"	0.90 • 26	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	–	•
	1	**3159**	24 x 24 x 1-1/2"	1.00 • N/A	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"



Prelude®

new **Blizzard White – Suspension System Finish**
A color and texture coordinated suspension system to complement Optima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
3115, 3150-3153, 3155, 3156, 3158, 3159 – Fiberglass with DuraBrite® acoustically transparent membrane 3352, 3353, 3356, 3314, 3315 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (PB suffix items only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
1400, 1404, 1462, 1463, 3152, 3156, 3352, –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)
3150 – R Factor – 3.0 (BTU units)
R Factor – 0.53 (Watts units)
3159 – R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)

Application Consideration
Do not mix Optima panels and Optima® Health Zone™ panels in the same room.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1400 – 0.13 lbs/SF; 24 SF/ctn
1404 – 0.16 lbs/SF; 30 SF/ctn
1462 – 0.44 lbs/SF; 16 SF/ctn
1463 – 0.44 lbs/SF; 20 SF/ctn
3150 – 0.44 lbs/SF; 128 SF/ctn
3152 – 0.45 lbs/SF; 96 SF/ctn
3159 – 0.61 lbs/SF; 64 SF/ctn
3156 – 0.47 lbs/SF; 100 SF/ctn
3352 – 0.46 lbs/SF; 96 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
3150M, 3152M, 3156M, 3159M –
Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

OPTIMA®

Square Lay-in
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

LEED®

Calculate LEED contribution at armstrong.com/greengenie

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		▲ LOCATION DEPENDENT				▲ PB ONLY			▲ PB ONLY	▲ PB ONLY		

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA®																				
15/16" Square Lay-in	1	**3151** **3151PB**	24 x 48 x 3/4"	0.90 •	N/A	–	180 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	1	**3153** **3153PB**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	1	**3353**	24 x 48 x 1"	0.90 •	26	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	–	•	
	1	**3155**	24 x 48 x 1-1/2"	1.00 •	N/A	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3356**	24 x 48 x 1-1/2"	0.95 •	26	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	–	•	
	1	**3164**	24 x 60 x 3/4"	0.90 •	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3161**	24 x 72 x 3/4"	0.90 •	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3162**	24 x 96 x 3/4"	0.90 •	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3158**	30 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3157**	30 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	1	**3160** **3160PB**	48 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	1	**3154**	48 x 96 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

FIBERGLASS

OPTIMA®

Square Lay-in
fine texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials (LOCATION DEPENDENT); design for flexibility; EPD; recyclable/extended producer resp.; biobased materials (PB ONLY); recycled content; sourcing of raw materials; material ingredient reporting (PB ONLY); low emitting/materials (PB ONLY); lighting quality; acoustics

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

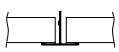
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics: NRC + CAC = Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Sag Resist: Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA®																	
15/16" Square Lay-in 	1	FS **FastSize™ Panels**	W: 4" – 48" / L: 4" – 120" 1" Thick	N/A	N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**Other Size Panels**	W: 4" – 24" / L: 4" – 96" 3/4" Thick	N/A	N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	1	**Other Size Panels**	W: 4" – 42" / L: 4" – 120" W: 4" – 48" / L: 4" – 114" 1-1/2" Thick	N/A	N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

SUSPENSION SYSTEMS

15/16"



Prelude®

new **Blizzard White – Suspension System Finish**

A color and texture coordinated suspension system to complement Optima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
3115, 3150-3153, 3155, 3156, 3158, 3159 – Fiberglass with DuraBrite® acoustically transparent membrane 3352, 3353, 3356, 3314, 3315 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (PB suffix items only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
3153, 3158, 3353, 3154, 3160, 3157 –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)
3151, 3161, 3162, 3164 –
R Factor – 3.0 (BTU units)
R Factor – 0.53 (Watts units)
3155, 3356 –
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)

Application Consideration
Do not mix Optima panels and Optima® Health Zone™ panels in the same room.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
3151 – 0.44 lbs/SF; 128 SF/ctn
3153, 3160 – 0.45 lbs/SF; 96 SF/ctn
3155, 3356 – 0.61 lbs/SF; 64 SF/ctn
3158 – 0.47 lbs/SF; 75 SF/ctn
3353 – 0.46 lbs/SF; 96 SF/ctn
3154 – 0.45 lbs/SF; 128 SF/ctn
3157 – 0.56 lbs/SF; 100 SF/ctn
3161 – 0.43 lbs/SF; 96 SF/ctn
3164 – 0.43 lbs/SF; 100 SF/ctn
3162 – 0.42 lbs/SF; 128 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
3151M, 3153M, 3154M, 3155M, 3158M, 3160M, 3353M, 3356M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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OPTIMA®

Tegular
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix



Optima® Tegular 24" x 24" panels with Sonata® 9/16" suspension system (Pg. 289)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: optima

Smooth-textured panels provide excellent acoustical absorption and the most standard sizes of any Armstrong product.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Items with PB suffix are manufactured with a plant-based binder
- Sag-resistant large-size panels
- Compatible with TechZone® Ceiling Systems (Pgs. 251-257)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

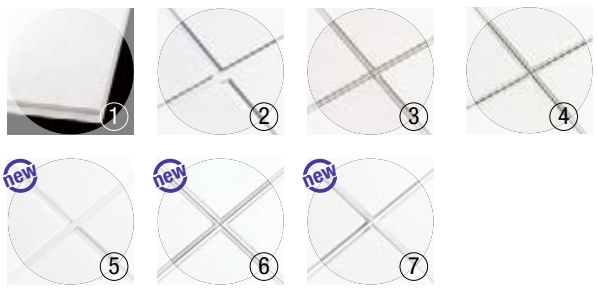
TYPICAL APPLICATIONS

- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Waiting rooms/nurses' stations – assists in addressing HIPAA and FGI acoustical requirements
- Areas with indirect lighting systems

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 214.)



1. Optima Square Tegular
2. Optima Tegular with Prelude® 15/16" suspension system
3. Optima Tegular with Interlude® XL® HRC 9/16" suspension system
4. Optima Tegular with Silhouette® 9/16" suspension system with 1/8" reveal
5. Suprafine ML, XL, and XL HRC with Blizzard White finish
6. Silhouette XL 1/4" and 1/8" Reveal with Blizzard White finish
7. Interlude XL HRC with Blizzard White finish

OPTIMA®

Tegular
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT ▲ PB ONLY ▲ PB ONLY ▲ PB ONLY

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC = Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA® Tegular																	
15/16" Square Tegular	8	**1402**	6 x 48 x 1"	N/A N/A –	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**1406**	6 x 60 x 1"	N/A N/A –	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3264**	12 x 24 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3278**	20 x 60 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3250** **3250PB**	24 x 24 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
	8	**3354**	24 x 24 x 1"	0.90 • 26 –	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	–	•
	8	**3253**	24 x 24 x 1-1/2"	1.00 • N/A –	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3252** **3252PB**	24 x 48 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
	8	**3281**	24 x 72 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3282**	24 x 96 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3258**	30 x 30 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3286**	30 x 60 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**3255** **3255PB**	48 x 48 x 1"	0.95 • N/A –	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
	8	FS **FastSize™ Panels**	W: 4" – 48" / L: 4" – 120" 1" Thick	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	8	**Other Size Panels**	W: 4" – 36" / L: 4" – 120" W: 4" – 42" / L: 4" – 102" W: 4" – 48" / L: 4" – 90" 1-1/2" Thick	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
9/16" Square Tegular	26, 43, 47, 51, 55, 59	**1410**	4 x 48 x 1"	N/A N/A –	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	26, 43, 47, 51, 55, 59	**1411**	4 x 60 x 1"	N/A N/A –	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
	26, 43, 47, 51, 55, 59	**1412**	6 x 6 x 1"	N/A N/A –	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

PHYSICAL DATA

Material
3316, 3317, 3354, 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing
All other items – Fiberglass with DuraBrite acoustically transparent membrane

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (PB items only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/ GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.

Insulation Value
3253 –
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)
3281, 3282 –
R Factor – 3.0 (BTU units)
R Factor – 0.53 (Watts units)
All other items –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1402 – 0.55 lbs/SF; 24 SF/ctn
1406 – 0.55 lbs/SF; 30 SF/ctn
3250, 3250PB, 3251, 3251PB, 3252, 3252PB, 3282 – 0.55 lbs/SF; 96 SF/ctn
1410 – 0.55 lbs/SF; 16 SF/ctn
1411 – 0.55 lbs/SF; 20 SF/ctn
1412 – 0.55 lbs/SF; 6 SF/ctn
3264 – 0.55 lbs/SF; 48 SF/ctn
3253 – 0.78 lbs/SF; 64 SF/ctn
3255, 3255PB – 0.55 lbs/SF; 96 SF/ctn
3258 – 0.55 lbs/SF; 75 SF/ctn
3278, 3286 – 0.55 lbs/SF; 100 SF/ctn
3282 – 55 lbs/SF; 96 SF/ctn
3281 – 0.55 lbs/SF; 72 SF/ctn
3354 – 0.57 lbs/SF; 96 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
3250M, 3252M, 3253M, 3354M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

OPTIMA®

Tegular
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

LEED®

Calculate LEED contribution at armstrong.com/greengenie

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		▲ LOCATION DEPENDENT				▲ PB ONLY			▲ PB ONLY	▲ PB ONLY		

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA® Tegular																				
9/16" Square Tegular	26, 43, 47, 51, 55, 59	**1413**	6 x 12 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1415**	6 x 42 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1403**	6 x 48 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1417**	6 x 54 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1407**	6 x 60 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1409**	6 x 96 x 1"	N/A	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3263**	12 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3290**	12 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**1414**	12 x 96 x 1"	0.90 •	N/A	–	180 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3276**	20 x 54 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3266**	20 x 56 x 1"	N/A	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3277**	20 x 60 x 1"	N/A	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3279**	21 x 24 x 1"	N/A	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3251** **3251PB**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3355**	24 x 24 x 1"	0.90 •	26*	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	–	•	
	26, 43, 47, 51, 55, 59	**3254**	24 x 24 x 1-1/2"	1.00 •	N/A	–	200 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3280**	24 x 42 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3257** **3257PB**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3265** **3265PB**	24 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3261** **3261PB**	24 x 72 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3262** **3262PB**	24 x 96 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3283**	27 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3268**	28 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3269**	28 x 60 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	
	26, 43, 47, 51, 55, 59	**3259**	30 x 30 x 1"	0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•	

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

FIBERGLASS

OPTIMA®

Tegular
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials (LOCATION DEPENDENT); design for flexibility; EPD; recyclable/extended producer resp.; biobased materials (PB ONLY); recycled content; sourcing of raw materials; material ingredient reporting (PB ONLY); low emitting/materials (PB ONLY); lighting quality; acoustics

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)
OPTIMA® Tegular			
9/16" Square Tegular	26, 43, 47, 51, 55, 59	**3284**	30 x 54 x 1"
	26, 43, 47, 51, 55, 59	**3289**	30 x 56 x 1"
	26, 43, 47, 51, 55, 59	**3285**	30 x 60 x 1"
	26, 43, 47, 51, 55, 59	**3287**	42 x 48 x 1"
	26, 43, 47, 51, 55, 59	**3288**	44 x 48 x 1"
	26, 43, 47, 51, 55, 59	**3256** / **3256PB**	48 x 48 x 1"
	26, 43, 47, 51, 55, 59	**3249**	48 x 54 x 1"
	26, 43, 47, 51, 55, 59	**FastSize™ Panels**	W: 4" – 48" / L: 4" – 120" 1" Thick
	26, 43, 47, 51, 55, 59	FS **Other Size Panels**	W: 4" – 36" / L: 4" – 120" W: 4" – 42" / L: 4" – 102" W: 4" – 48" / L: 4" – 90" 1-1/2" Thick

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

UL Classified Acoustics NRC + CAC =	Total Acoustics[1] NRC + CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Wash (Durability)	Impact (Durability)	Scratch (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•	•
0.95 •	N/A	–	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
N/A	N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•
N/A	N/A	–	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

SUSPENSION SYSTEMS

*CAC 29 achieved with Clean Room™ suspension system; not UL Classified for acoustics.

15/16": Prelude®

9/16": Silhouette® 1/4" Reveal; Silhouette 1/8" Reveal; Suprafine®; Interlude® XL HRC; Sonata® XL; Trimlok®

new **Blizzard White – Suspension System Finish**

A color and texture coordinated suspension system to complement Optima ceiling panels for a monolithic look and feel.
Available for: Prelude® XL® and XL® HRC, Suprafine ML, XL, and XL HRC, Silhouette® XL® 1/4" and 1/8" Reveal, Interlude® XL® HRC

ACCESSORIES (not included; ordered separately)

435 

Stabilizer Clip (3/4" & 1")
Recommended for panels 60" and greater in length
NOTE: Panels 60" up to 96" – One clip near mid-point of each long edge.
Panels 96" and over – Two clips at 1/3 points of each long edge.

7870 

Spring Border Clip
(For installations with the panel resting on the wall molding)

PHYSICAL DATA

Material
3316, 3317, 3354, 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing
All other items – Fiberglass with DuraBrite acoustically transparent membrane

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (PB items only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.

Insulation Value

3254 –	All other items –
R Factor – 6.0 (BTU units)	R Factor – 4.0 (BTU units)
R Factor – 1.05 (Watts units)	R Factor – 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1403 – 0.55 lbs/SF; 24 SF/ctn
1407 – 0.55 lbs/SF; 30 SF/ctn
1409, 3249, 3251, 3251PB, 3257, 3262, 3262PB – 0.55 lbs/SF; 96 SF/ctn
1413 – 0.55 lbs/SF; 12 SF/ctn
1414, 3263, 3290 – 0.55 lbs/SF; 48 SF/ctn
1415 – 0.55 lbs/SF; 21 SF/ctn
1417 – 0.55 lbs/SF; 27 SF/ctn
3254 – 0.78 lbs/SF; 64 SF/ctn
3256, 3256PB – 0.55 lbs/SF; 96 SF/ctn
3259, 3276 – 0.55 lbs/SF; 75 SF/ctn
3261 – 0.55 lbs/SF; 72 SF/ctn
3265, 3277, 3285, 3286 – 0.55 lbs/SF; 100 SF/ctn
3266 – 0.55 lbs/SF; 62.22 SF/ctn
3268 – 0.55 lbs/SF; 70 SF/ctn
3269 – 0.55 lbs/SF; 93.33 SF/ctn
3273 – 0.55 lbs/SF; 93 SF/ctn
3279, 3280 – 0.55 lbs/SF; 84 SF/ctn
3283 – 0.55 lbs/SF; 67.5 SF/ctn
3284 – 0.55 lbs/SF; 90 SF/ctn
3287 – 0.55 lbs/SF; 112 SF/ctn
3288 – 0.55 lbs/SF; 117.33 SF/ctn
3355 – 0.57 lbs/SF; 96 SF/ctn
3289 – 0.40 lbs/SF; 93.33 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
3251M, 3254M, 3256M, 3257M, 3355M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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OPTIMA®

Vector®
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix



Optima® Vector® panels with Prelude® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: optima

Smooth-textured acoustical panel is ideal for projects with limited plenum space: requires about 6" of clear space from the deck.

KEY SELECTION ATTRIBUTES

- 1/4" reveal between acoustical panels results in a monolithic appearance
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.80-0.90)
- Smooth, clean durable finish –
  - Washable
  - Scratch-resistant
  - Soil-resistant
- Energy-saving high light-reflective finish
- Items with PB suffix are manufactured with a plant-based binder
- Item 3901 available in Create!™ printed images and patterns see pages 175-177
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Renovation – installs on existing 15/16" suspension
- Open plan offices
- Lobbies
- Corridors
- Areas with limited plenum depth
- Areas with indirect lighting systems
- Education

COLOR

White

DETAILS







1. Optima Vector
2. Optima Vector with Prelude 15/16" suspension system
3. Optima Vector with fixture trim

OPTIMA®

Vector®
fine texture

Items with Breakthrough Plant-based Binder have a PB Suffix

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT — PB ONLY — PB ONLY — PB ONLY

VISUAL SELECTION

PERFORMANCE SELECTION

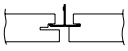
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC = Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Wash	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA® Vector®																	
1/4" Reveal with 15/16" Vector	73	new **1466**	6 x 48 x 7/8"	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•
A B	73	new **1467**	6 x 96 x 7/8"	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•
C D	73	**3902****	12 x 24 x 7/8"	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•
	73	**3903****	12 x 24 x 7/8"	N/A 26 –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	–	•
	73	**3900** **3900PB**	24 x 24 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•
		3901	24 x 24 x 7/8"	0.80 • 26 –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	–	•
	73	**3908** **3908PB**	24 x 48 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	– •	•	•	•	•	•	•
		3906	24 x 72 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•
	73	**3907**	24 x 96 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•
	73	**3904**	30 X 30 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•
	73	**3905**	30 X 30 x 7/8"	0.80 • 26 –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	–	•
	73	**3909**	48 x 48 x 7/8"	0.90 • N/A –	190 •	Class A	0.90 •	•	•	–	•	•	•	•	•	•
	73	FS **FastSize™ Panels**	W: 4" - 30" / L: 12" - 96" W: >30" - 48" / L: 12" - 48" 7/8" Thick	N/A N/A –	N/A	Class A	0.90 •	•	•	–	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)
** Not UL Classified for acoustics

VECTOR – FIXTURE TRIMS

15/16"



Prelude®

SUSPENSION SYSTEMS

Item No.	Length	Color	Substrate
5790	12"	White	Extruded PVC
5791	24"	White	Extruded PVC
5792	30"	White	Extruded PVC
5793	48"	White	Extruded PVC

ACCESSORIES (must be ordered separately)

Item No.		
441		Vector Border Clip (required for installations with the suspension system resting on the wall molding). Primarily used for corners and special cutouts.
442A		Vector Hold Down Clip (required for installation)
7425 / 7445		24" Stabilizer Bar / 48" Stabilizer Bar
522		Mid-point Clip 48" x 48" Vector panels only
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

PHYSICAL DATA

Material
Fiberglass with DuraBrite® acoustically transparent membrane 3901, 3903, 3905 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

VOC Emissions (PB Items Only)
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/ USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order.

Insulation Value
R Factor – 3.5 (BTU units)
R Factor – 0.62 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1466 – 0.58 lbs/SF; 24 SF/ctn
1467 – 0.58 lbs/SF; 42 SF/ctn
3900, 3900PB, 3901, 3902, 3903 – 0.58 lbs/SF; 48 SF/ctn
3904, 3905 – 0.59 lbs/SF; 75 SF/ctn
3908, 3908PB – 0.56 lbs/SF; 96 SF/ctn
3909 – 0.60 lbs/SF; 64 SF/ctn
3906 – 0.57 lbs/SF; 72 SF/ctn
3907 – 0.56 lbs/SF; 96 SF/ctn

Minimum Order Quantity
1 carton

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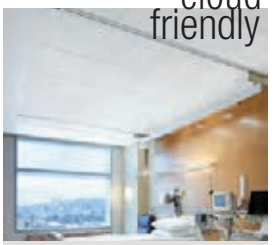
OPTIMA® Health Zone™

Square Lay-in, Tegular
fine texture



Optima® Health Zone™ Square Tegular panels with Prelude® XL® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: optima

This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Items 3114, 3115, 3214, 3215 with Clean Room™ suspension system)
- Exceeds FGI Guidelines for acoustics and cleanability in general healthcare spaces
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.95)
- Long-lasting water-repellency
- Washable and Scrubbable
- Safe for use with disinfectants
- Meets USDA/FSIS guidelines for use in food processing areas
- Energy-saving high light-reflective finish
- Visual complements Ultima®, Ultima Health Zone, and Optima
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

TYPICAL APPLICATIONS

Clean Rooms
- Medical facilities
- Data centers

Healthcare:
- Assists in addressing HIPAA, HCAHPS, and FGI requirements
- Patient rooms (walls-to-deck)
- Treatment rooms (walls-to-deck)
- Nurses' stations
- Emergency rooms
- Semi-restricted surgical areas
- Kitchens/food preparation areas
- Laboratories

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 220.)



1. Optima Health Zone Square Lay-in
2. Optima Health Zone 15/16" Square Tegular
3. Optima Health Zone 9/16" Square Tegular
4. Optima Health Zone Square Lay-in with Clean Room™ 15/16" suspension system
5. Optima Health Zone Square Tegular with Prelude XL 15/16" suspension system
6. Optima Health Zone Square Tegular with Interlude® XL® HRC 9/16" suspension system

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED® energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/ extended producer resp. | biobased materials | recycled content | sourcing of raw materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

OPTIMA® Health Zone™

Square Lay-in, Tegular
fine texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

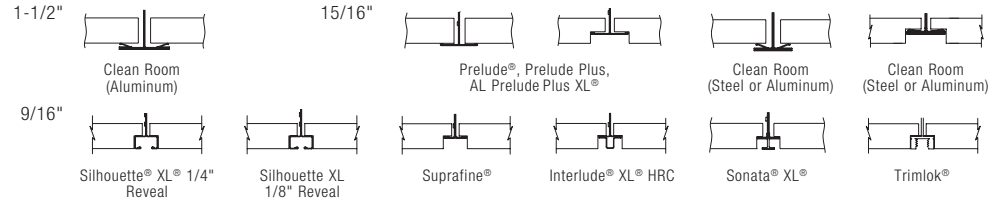
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Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC =	Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew: Inherent	Anti-Mold & Mildew: Humi-Guard+	Sag Resist	Certified Low VOC Emissions	Durability: Water Repel	Durability: Wash	Durability: Scrub	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIMA® Health Zone™																					
15/16" Square Lay-in	1, 6, 7	**3114**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	1, 6, 7	**3314**	24 x 24 x 1-1/2"	0.95 •	29*	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	–	•
	1, 6, 7	**3115***	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	1, 6, 7	**3315**	24 x 48 x 1-1/2"	0.95 •	29*	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 4" – 47" / L: 12" – 48" 1" Thick	N/A	N/A	–	N/A	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
15/16" Square Tegular	8, 10	**3214**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	8, 10	**3316**	24 x 24 x 1-1/2"	0.95 •	29*	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	–	•
	8, 10	**3215**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	8, 10	**3317**	24 x 48 x 1-1/2"	0.95 •	29*	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	–	•
	8, 10	**Other Size Panels**	W: 4" – 47" / L: 12" – 48" 1" Thick	N/A	N/A	–	N/A	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
9/16" Square Tegular	26, 43, 47, 51, 55, 59	**3216**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	26, 43, 47, 51, 55, 59	**3217**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•
	26, 43, 47, 51, 55, 59	**Other Size Panels**	W: 4" – 47" / L: 12" – 48" 1" Thick	N/A	N/A	–	N/A	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	•	•

[1]Total Acoustics™ ceiling panels have an ideal combination of noise-reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

*CAC 29 achieved with Clean Room™ suspension system; not UL Classified for acoustics.



PHYSICAL DATA

Material
3114, 3115, 3214, 3215, 3216, 3217 – Fiberglass with DuraBrite® scrim acoustically transparent membrane. 3314, 3315, 3316, 3317 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E, Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew & Bacteria
Fiberglass panels inherently inhibit the growth of mold and mildew,, and contain an agent to resist odor and stain-causing bacterial growth.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. CAC value of 37 can be achieved by backloading soft fiber products with item 769 or 770.

Insulation Value
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)

Application Considerations
For Clean Room installations, use full-size panels. Testing for Clean Room 5 (Class 100) was completed with full-size 15/16" gasketed suspension system. For Clean Rooms that require field cut perimeter panels, use Lay-in panels (3114, 3115) or Tegular panels (3214, 3215) with Lay-in field cut panels at the perimeter.

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Cleaning Recommendations
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

Weight; Square Feet/Carton
3114, 3115, 3214, 3215, 3216, 3217, 3314, 3315 – 0.45 lbs/SF; 96 SF/ctn
3316, 3317 – 0.75 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

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PAINTED NUBBY™

Square Lay-in & Tegular
medium texture



Painted Nubby™ panels with Prelude® 15/16" suspension system (Pgs. 279-280)

This panel offers excellent acoustical absorption with a medium-textured fabric visual.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance; both Articulation Class (180-190) and NRC (0.85-0.95)
- Fiberglass substrate resists mold and mildew
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Open plan offices used for focus, collaboration, and teaming
- Areas requiring superior acoustics and sag resistance

COLOR

White

DETAILS





1. Painted Nubby Tegular
2. Painted Nubby Tegular with Silhouette® 9/16" suspension system 1/4" reveal

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

PAINTED NUBBY™

Square Lay-in & Tegular
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION

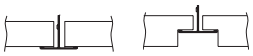
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
										Inherent	Humi-Guard+					
PAINTED NUBBY™ Square Lay-in																
15/16" Square Lay-in	1	**3102**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.84 •	•	•	–	Std	•	–	•
	1	**3101**	24 x 48 x 3/4"	0.85 •	N/A	–	180 •	Class A	0.84 •	•	•	–	Std	•	–	•
	1	**3103**	24 x 48 x 1"	0.95 •	N/A	–	190 •	Class A	0.84 •	•	•	–	Std	•	–	•
	1	**3104**	48 x 96 x 1"	0.95 •	N/A	–	190 •	Class A	0.84 •	•	•	–	Std	•	–	•
	1	**Other Size Panels**	W: 4" – 48" / L: 4" – 120" 3/4" or 1" Thick	N/A	N/A	–	N/A	Class A	0.84 •	•	•	–	Std	•	–	•
PAINTED NUBBY Tegular																
15/16" Square Tegular	8	**3200**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.84 •	•	•	–	Std	•	–	•
9/16" Square Tegular	26, 43, 47, 51, 55, 59	**3201**	24 x 24 x 1"	0.95 •	N/A	–	190 •	Class A	0.84 •	•	•	–	Std	•	–	•
	26, 43, 47, 51, 55, 59	**Other Size Panels**	W: 4" – 48" / L: 4" – 120" 3/4" or 1" Thick	N/A	N/A	–	N/A	Class A	0.84 •	•	•	–	Std	•	–	•

[1]Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

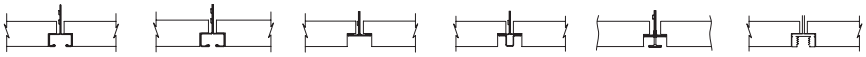
SUSPENSION SYSTEMS

15/16"



Prelude®

9/16"



Silhouette® XL® 1/4" Reveal | Silhouette XL 1/8" Reveal | Suprafine® XL® | Interlude® XL® HRC | Sonata® XL® | Trimlok®

PHYSICAL DATA

Material
Fiberglass with fabric facing

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.

Insulation Value
3101 – R Factor - 3.0 (BTU units)
R Factor - 0.53 (Watts units)
3102, 3103, 3200, 3201 – R Factor - 4.0 (BTU units)
R Factor - 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
3101 – 0.44 lbs/SF; 128 SF/ctn
3102, 3103 – 0.46 lbs/SF; 96 SF/ctn
3104 – 0.46 lbs/SF; 128 SF/ctn
3200, 3201 – 0.55 lbs/SF; 96 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
3102M, 3101M, 3103M, 3200M, 3201M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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(search: painted nubby)
BPCS-3050-615

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PEBBLE™

Square Lay-in
medium texture



Pebble™ panel with Prelude® 15/16" suspension system (Pgs. 279-280)

This economical, medium-textured panel provides excellent sound absorption options.

KEY SELECTION ATTRIBUTES

- Excellent sound absorption (perforated items)
- Easy-clean, durable surface
- Economical solution
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Discount/grocery stores
- Locker rooms
- Utility rooms
- Lavatories/restrooms

COLOR

White

DETAILS





1. Pebble
2. Pebble with Prelude 15/16" suspension system

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

PEBBLE™

Square Lay-in
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics: NRC	+	CAC	=	Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Water Repel (Durability)	Wash (Durability)	Scrub (Durability)	Impact (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
PEBBLE™ (Perforated)																					
15/16" Square Lay-in	1	**2983**	24 x 48 x 5/8"	0.70 •		N/A		–	Class A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
	1	**2970**	24 x 60 x 5/8"	0.70 •		N/A		–	Class A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A		N/A		–	N/A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
PEBBLE High NRC (Perforated)																					
15/16" Square Lay-in	1	**2988**	24 x 24 x 1"	0.80 •		N/A		–	Class A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
	1	**2989**	24 x 48 x 1"	0.80 •		N/A		–	Class A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 1" Thick	N/A		N/A		–	N/A	0.89 •	•	•	–	–	•	•	•	•	•	–	•
PEBBLE (Unperforated)																					
15/16" Square Lay-in	1	**2968**	24 x 48 x 5/8"	0.50		N/A		–	Class A	0.89 •	•	•	–	•	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A		N/A		–	N/A	0.89 •	•	•	–	•	•	•	•	•	•	–	•

[1]Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"



Prelude®

PHYSICAL DATA

Material
Fiberglass with vinyl facing

Surface Finish
Scrubbable vinyl film facing (UV protected)

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type XII, Form 1, Pattern E C
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.

Insulation Value
2968, 2970, 2983 - R Factor - 2.6 (BTU units)
R Factor - 0.46 (Watts units)
2988, 2989 - R Factor - 4.0 (BTU units)
R Factor - 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
2968, 2983 – 0.20 lbs/SF; 128 SF/ctn
2970 – 0.20 lbs/SF; 120 SF/ctn
2988, 2989 – 0.31 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton, excludes special sizes

Metric Items Available
2983M, 2970M, 2988M, 2989M, 2968M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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RANDOM FISSURED™

Square Lay-in
medium texture

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD | recyclable/ extended producer resp. ✓ | biobased materials | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

$$$$



Random Fissured™ panels with Prelude® 15/16" suspension system (Pgs. 279-280)

This economical panel provides standard-to-good sound absorption with a medium-textured visual.

KEY SELECTION ATTRIBUTES

- Excellent sound absorption (perforated options)
- Easy-clean, durable surface
- Economical
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Discount/grocery stores
- Locker rooms
- Utility rooms
- Lavatories/restrooms

COLOR

White

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile		Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Water Repel (Durability)	Wash (Durability)	Scrub (Durability)	Impact (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
RANDOM FISSURED (Perforated)																				
15/16" Square Lay-in	1		**2908**	24 x 24 x 5/8" □	0.70 •	N/A	–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
	1		**2910**	24 x 48 x 5/8" ▭	0.70 •	N/A	–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
	1		**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A	N/A	–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
RANDOM FISSURED (Unperforated)																				
15/16" Square Lay-in	1		**2909**	24 x 24 x 5/8" □	0.55	N/A	–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•
	1		**2911**	24 x 48 x 5/8" ▭	0.55	N/A	–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•
	1		**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A	N/A	–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•

[1]Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

15/16"



Prelude®

PHYSICAL DATA

Material
Fiberglass with vinyl facing

Surface Finish
Scrubbable vinyl film facing (UV protected)

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
2908, 2910 – Type XII, Form 1, Pattern E C
2909, 2911 – Type XII, Form 1, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
R Factor - 2.6 (BTU units)
R Factor - 0.46 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
0.17 lbs/SF; 128 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
Items 2908M, 2910M, 2909M, 2911M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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Armstrong®

SHASTA®

Square Lay-in
medium texture

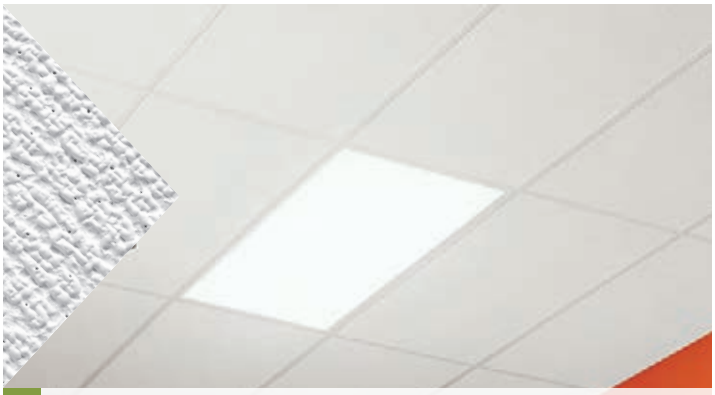
UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

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▲ LOCATION DEPENDENT

$$$$



Shasta® panel with Prelude® 15/16" suspension system (Pgs. 279-280)

This economical panel provides sound absorption with a medium-textured, easy-clean, durable vinyl surface.

KEY SELECTION ATTRIBUTES

- Excellent sound absorption (perforated options)
- Easy-clean, durable surface
- Economical
- 30-Year Limited System Warranty against visible sag, mold and mildew

TYPICAL APPLICATIONS

- Discount/grocery stores
- Locker rooms
- Utility rooms
- Lavatories/restrooms

COLOR

White (WH)

Tech Black (BL)

VISUAL SELECTION

PERFORMANCE Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+	CAC	=	Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Inherent)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Water Repel (Durability)	Wash (Durability)	Scrub (Durability)	Impact (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
SHASTA® (Perforated)																					
15/16" Square Lay-in	1	**2904**	24 x 24 x 5/8" ☐	0.70 •		N/A		–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
▭	1	**2906 _ _** ◆◆	24 x 48 x 5/8" ▭	0.70 •		N/A		–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A		N/A		–	Class A	0.72	•	•	–	–	•	•	•	•	•	–	•
SHASTA (Unperforated)																					
15/16" Square Lay-in	1	**2905 _ _** ◆◆	24 x 24 x 5/8" ☐	0.50		N/A		–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•
▭	1	**2907**	24 x 48 x 5/8" ▭	0.50		N/A		–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•
	1	**Other Size Panels**	W: 12" – 30" / L: 12" – 60" 5/8" Thick	N/A		N/A		–	Class A	0.72	•	•	–	•	•	•	•	•	•	–	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 2906 B L).

SUSPENSION SYSTEMS

15/16"



Prelude®

PHYSICAL DATA

Material
Fiberglass with vinyl facing

Surface Finish
Scrubbable vinyl film facing (UV protected)

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
2904, 2906 – Type XII, Form 1, Pattern E C
2905, 2907 – Type XII, Form 1, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
R Factor - 2.6 (BTU units)
R Factor - 0.46 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
0.17 lbs/SF; 128 SF/ctn

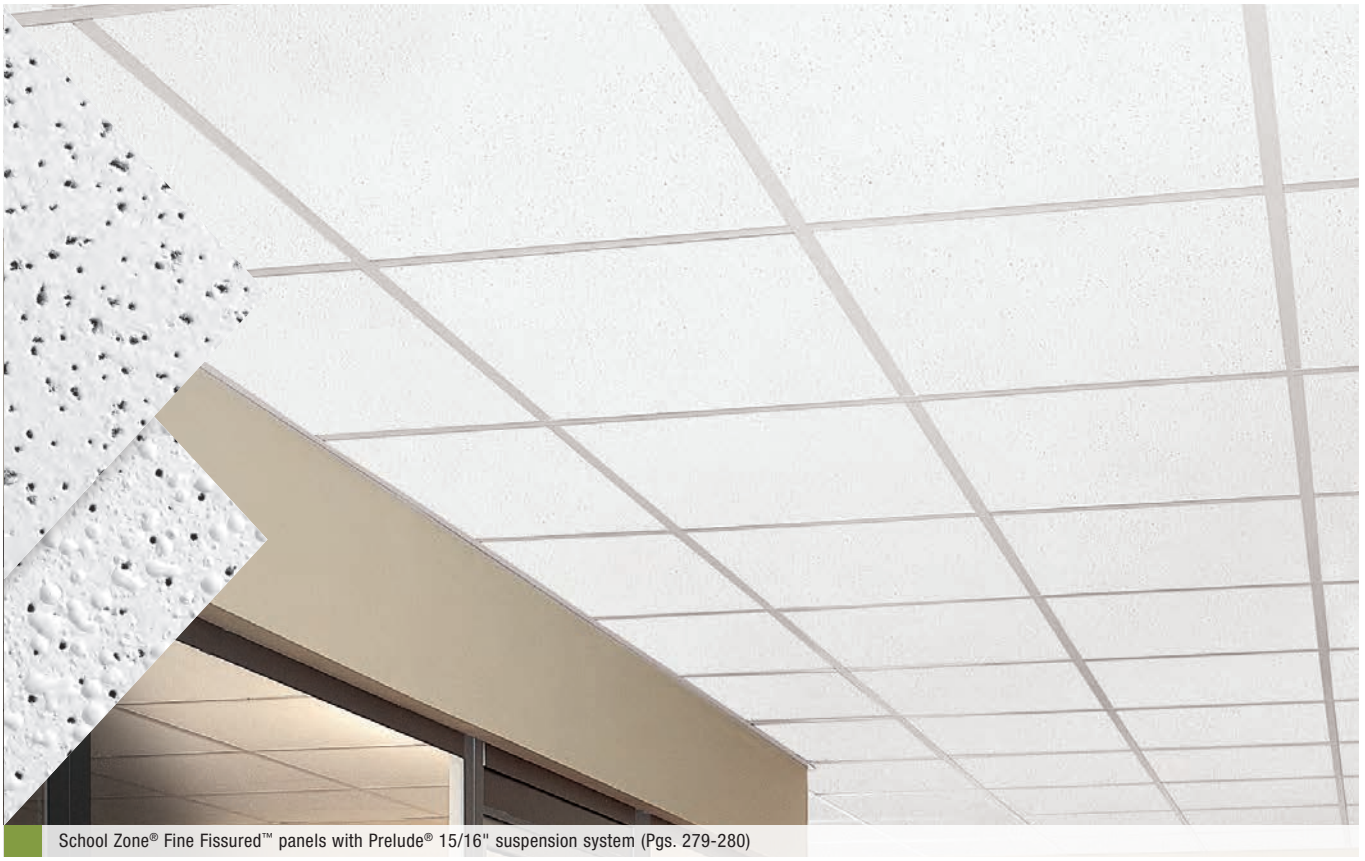
Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
Items 2904M, 2906M, 2905M, 2907M –
Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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School Zone® FINE FISSURED™ & School Zone® GEORGIAN™

Square Lay-in
medium texture



School Zone® Fine Fissured™ panels with Prelude® 15/16" suspension system (Pgs. 279-280)

This panel is a good choice for classrooms with economical, non-directional ceilings and improved acoustics.

KEY SELECTION ATTRIBUTES

- Excellent sound absorption – products can help comply with ANSI S12.60 Classroom Guidelines
- Economical
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold, and mildew

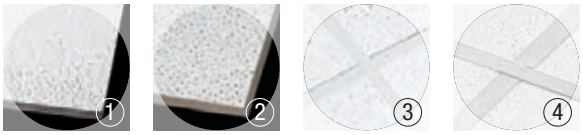
TYPICAL APPLICATIONS

- Schools
- Healthcare – assists in addressing HIPAA and FGI acoustical requirements
- Libraries/band rooms
- Corridors

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 228.)



1. School Zone Fine Fissured Square Lay-in
2. School Zone Georgian
3. Fine Fissured Square Lay-in with Prelude 15/16" suspension system
4. School Zone Georgian with Prelude 15/16" suspension system

School Zone® FINE FISSURED™ & School Zone® GEORGIAN™

Square Lay-in
medium texture

UP TO 55% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

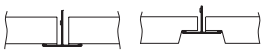
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC + CAC =	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Recycled Content	Recycle Program	30-Yr Warranty
School Zone® FINE FISSURED™					UL Classified												
15/16" Square Lay-in	1	**1713**	24 x 24 x 3/4"	☐	0.70 •	35 •	✔	Class A	0.85 •	•	•	•	–	–	–	•	•	•
	1	**1810**	24 x 24 x 3/4"	☐	0.70 •	40 •	✔	Fire Guard™	0.85 •	•	•	•	–	–	–	•	•	•
	1	**1714**	24 x 48 x 3/4"	▭	0.70 •	40 •	✔	Class A	0.85 •	•	•	•	–	–	–	•	•	•
	1	**1811**	24 x 48 x 3/4"	▭	0.70 •	40 •	✔	Fire Guard	0.85 •	•	•	•	–	–	–	•	•	•
15/16" Angled Tegular	13	**1717**	24 x 24 x 3/4"	☐	0.70 •	40 •	✔	Class A	0.85 •	•	•	•	–	–	–	•	•	•
	13	**1820**	24 x 24 x 3/4"	☐	0.70 •	35 •	✔	Fire Guard	0.85 •	•	•	•	–	–	–	•	•	•
	13	**1824**	24 x 48 x 3/4"	▭	0.70 •	35 •	✔	Fire Guard	0.85 •	•	•	•	–	–	–	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1719**	24 x 24 x 3/4"	☐	0.70 •	40 •	✔	Class A	0.85 •	•	•	•	–	–	–	•	•	•
	29, 44, 48, 52, 56, 60	**1821**	24 x 24 x 3/4"	☐	0.70 •	35 •	✔	Class A	0.85 •	•	•	•	–	–	–	•	•	•
School Zone® GEORGIAN																	
15/16" Square Lay-in	1	**796**	24 x 24 x 3/4"	☐	0.65	35 •	✔	Class A	0.86 •	•	•	•	•	•	•	•	•	•
	1	**795**	24 x 48 x 3/4"	☐	0.65	35 •	✔	Class A	0.86 •	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

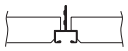
SUSPENSION SYSTEMS

15/16"

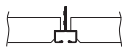


Prelude®
Prelude XL® Fire Guard

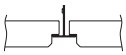
9/16"



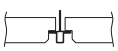
Silhouette® 1/4" Reveal



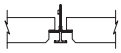
Silhouette 1/8" Reveal



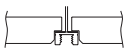
Suprafine®
Suprafine® XL® Fire Guard™



Interlude® XL® HRC



Sonata® XL®



Trimlok®

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies.

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
School Zone Fine Fissured: R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)
School Zone Georgian: R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1824 – 1.20 lbs/SF; 64 SF/ctn
1717, 1719 – 1.25 lbs/SF; 48 SF/ctn
1713, 1810, 1820, 1821 – 1.31 lbs/SF; 48 SF/ctn
1714, 1811 – 1.38 lbs/SF; 64 SF/ctn
795 – 1.38 lbs/SF; 64 SF/ctn
796 – 1.31 lbs/SF; 48 SF/ctn

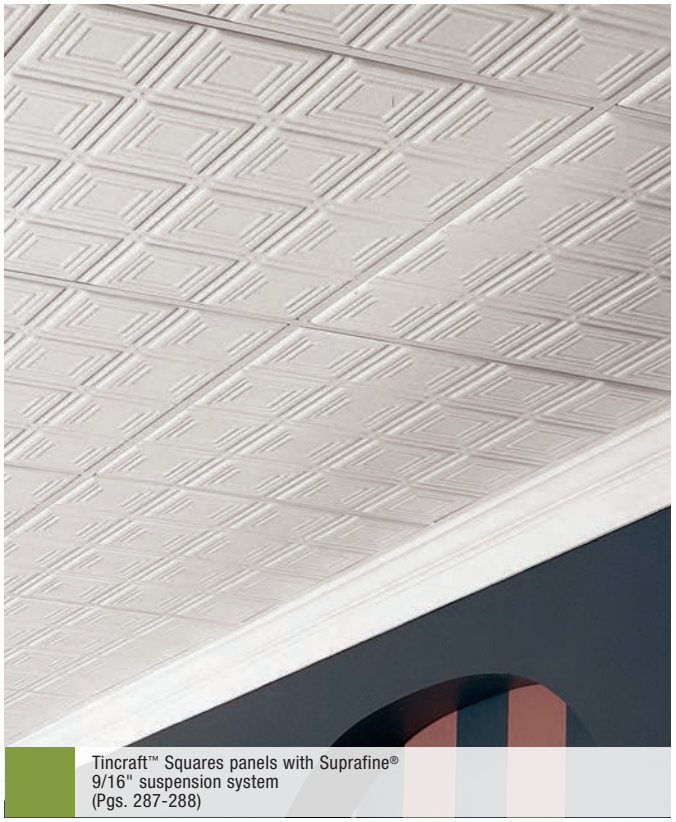
Minimum Order Quantity
1 carton

Metric Items Available
Items 1810M, 1811M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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TINCRAFT™

Circles, Squares & Triangles
Tegular
smooth texture



Tincraft™ Squares panels with Suprafine® 9/16" suspension system (Pgs. 287-288)



Tincraft™ Circles panels with Faux Coat Bronze and coordinated Prelude® 15/16" suspension system (Pgs. 279-280)

These panels offer the look of old-world tin ceilings with low-relief panels in classic designs, an array of standard metallic colors, and sound blocking.

KEY SELECTION ATTRIBUTES

- Early 20th century embossed metal look
- Affordable, practical alternative to traditional tin and metal ceilings
- Finely detailed design for upscale look
- High sound-blocking CAC (35)

TYPICAL APPLICATIONS

- Specialty shops/stores
- Restaurants
- Dining areas

NOTE: Not recommended for areas requiring acoustical performance

COLORS Due to printing limitations, shade may vary from actual product.



White (WH) | Faux Coat Pewter (PW) | Faux Coat Bronze (BZ) | Silver (SL) | Copper (CP)

Color finishes available on Tincraft Circles panels only. Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.

FACE VIEWS (1/4 of 12 x 12" panel shown)



Circles | Squares | Triangles

DETAILS (Other Suspension Systems compatible. Refer to listing on page 230.)



1. Tincraft Circles
2. Tincraft Squares
3. Tincraft Triangles
4. Tincraft Circles with Prelude 15/16" suspension system
5. Tincraft Squares with Suprafine 9/16" suspension system
6. Tincraft Triangles with Suprafine 9/16" suspension system

TINCRAFT™

Circles, Squares & Triangles
Tegular
smooth texture

UP TO 55% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect (White only)	Anti-Mold & Mildew	Sag Resist	Durability	Recycled Content	Recycle Program	Warranty
TINCRAFT™ Circles														
15/16" Flush Tegular 	3	**8008 _ _** ◆◆	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.78	–	Std	Std	Std	•	1-Yr
TINCRAFT Squares														
9/16" Flush Tegular 	25	**8009**	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.78	–	Std	Std	•	•	1-Yr
TINCRAFT Triangles														
9/16" Flush Tegular 	25	**8010**	24 x 24 x 3/4" ☐	N/A	35 •	–	Class A	0.78	–	Std	Std	•	•	1-Yr

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
◆◆ Add 2-letter color suffix to item number when specifying or ordering (e.g., 8008 P W).


Circles


Squares


Triangles

Images represent a 12" x 12" section of panel.

SUSPENSION SYSTEMS

15/16" 
Prelude®

9/16" 
Suprafine®

For coordinating color, specify Prelude® XL® items 7301 main beam, XL7342, XL7328 cross tees, and 7800 wall molding with the appropriate 2-letter color suffix.

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern J Z
(Classic embossed tin ceiling design)
Fire Class A

Humidity/Sag Resistance
Standard performance ceiling panels, adequate where the building is enclosed and the HVAC is continuously functioning.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
Average R Factor – 1.6 (BTU units)
Average R Factor – 0.28 (Watts units)

Performance Guarantee & Warranty
10-year warranty when installed with Armstrong® Suspension System. 1-year warranty on ceiling panel. Details at armstrong.com/warranty

Weight; Square Feet/Carton
8008 – 0.90 lbs/SF; 48 SF/ctn
8009, 8010 – 1.23 lbs/SF; 32 SF/ctn

Minimum Order Quantity
1 carton

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TUNDRA®

Square Lay-in & Tegular
medium texture



Tundra® panels with Suprafine® 9/16" suspension system (Pgs. 287-288)

Durable Tundra panels have a medium-textured visual, and are impact- and scratch-resistant.

KEY SELECTION ATTRIBUTES

- Durable
  Impact-resistant
  Scratch-resistant
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

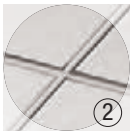
- Offices
- Schools
- Corridors

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 232.)





1. Tundra Beveled Tegular
2. Tundra with Suprafine® 9/16" suspension system

UP TO 35% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

TUNDRA®

Square Lay-in & Tegular
medium texture

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Impact (Durability)	Scratch (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
TUNDRA®																
15/16" Square Lay-in	1	**301**	24 x 24 x 5/8"	0.50	33	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	1	**302**	24 x 48 x 5/8"	0.50	35 •	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	1	**Other Size Panels**	W: 24" / L: 24" – 48" 5/8" Thick	N/A	N/A	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
15/16" Beveled Tegular	15	**303**	24 x 24 x 5/8"	0.50	33	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	15	**305**	24 x 48 x 5/8"	0.50	35 •	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	15	**Other Size Panels**	W: 24" / L: 24" – 48" 5/8" Thick	N/A	N/A	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**304**	24 x 24 x 5/8"	0.50	33*	–	Class A	0.87 •	•	•	–	•	•	Std	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 24" / L: 24" – 48" 5/8" Thick	N/A	N/A	–	Class A	0.87 •	•	•	–	•	•	Std	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS

* CAC reduced two points on these suspension systems

15/16": Prelude®

9/16": Silhouette® 1/4" Reveal; Silhouette 1/8" Reveal; Suprafine®; Interlude® XL® HRC; Sonata® XL®; Trimlok®

PHYSICAL DATA

Material
Wet-formed, high-density mineral fiber

Surface Finish
Factory-applied latex paint with scuff-resistant spatter coat

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type III, Form 2, Pattern C E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

Insulation Value
R Factor – 1.7 (BTU units)
R Factor – 0.30 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
301, 302, 305 – 1.09 lbs/SF; 64 SF/ctn
303, 304 – 1.10 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
302M, 303M, 305M, 304M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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ULTIMA®
ULTIMA® High NRC

Square Lay-in
fine texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY
1910, 1913

Ultima

Ultima High NRC



Ultima® Square Lay-in panels with Prelude® 15/16" suspension system (Pgs. 279-280)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: ultima lay-in

A smooth visual ceiling with Total Acoustics™ performance, sound absorption, and blocking needed for today's flexible spaces

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ Performance
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Excellent sound absorption and blocking for Total Acoustics™ performance
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: items 1910HRC, 1913HRC. 71% Pre-consumer; 15% Post-consumer
- USDA Certified Biobased Product – 88%
- Available with AirGuard™ Coating
- Visual coordinates with Optima® panels for mixed (open/closed plan) applications
- Items 1910 and 1935 available with Create!™ printed images and patterns – see pages 175-177
- Non-directional visual reduces scrap and installation time
- Compatible with TechZone® Ceiling Systems (Pgs. 251-257)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

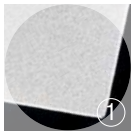
TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR

White

DETAILS





1. Ultima Square Lay-in
2. Ultima Square Lay-in with Prelude 15/16" suspension system

ULTIMA®
ULTIMA® High NRC

Square Lay-in
fine texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 88%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 86% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

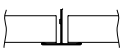
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Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability: Water Repel	Durability: Wash	Durability: Scrub	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA® High NRC																					
15/16" Square Lay-in	1	new 1940	24 x 24 x 1"	0.80 •	35 •	BEST	170 •	Class A	0.87 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	new 1943	24 x 48 x 1"	0.80 •	35 •	BEST	170 •	Class A	0.87 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	Other Size Panels	W: 12" - 24" / L: 24" - 60" 1" Thick	N/A	N/A	–	–	Class A	0.87 •	•	•	•	–	•	–	•	•	•	•	•	•
ULTIMA®																					
15/16" Square Lay-in	1	1420	6 x 48 x 3/4"	N/A	N/A	–	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1425	6 x 60 x 3/4"	N/A	N/A	–	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1990	12 x 48 x 3/4"	0.65	35 •	GOOD	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1991	12 x 60 x 3/4"	0.65	35 •	GOOD	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1992	12 x 72 x 3/4"	0.65	35 •	GOOD	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1910 1910HRC	24 x 24 x 3/4" 24 x 24 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	• •	•	•
	1	1913 1913HRC	24 x 48 x 3/4" 24 x 48 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	• •	•	•
	1	1984	24 x 60 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.85 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1980	24 x 72 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	FS FastSize™ Panels	W: 4" - 24" / L: 4" - 72" 3/4" Thick	N/A	N/A	–	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
ULTIMA® with AirGuard™ Coating																					
15/16" Square Lay-in	1	1900	24 x 24 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•
	1	1903	24 x 48 x 3/4"	0.75 •	35 •	BETTER	–	Class A	0.90 •	•	•	•	–	•	–	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **FS FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in FastSize or other size panels.

SUSPENSION SYSTEMS

15/16"



Prelude

new **Blizzard White – Suspension System Finish**
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Prelude XL suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1420, 1425 – 1.05 lbs/SF; 24 SF/ctn
1910, 1913, 1900, 1903, – 1.08 lbs/SF; 48 SF/ctn
1940 – 1.14 lbs/SF; 40 SF/ctn
1943 – 1.125 lbs/SF; 48 SF/ctn
1980 – 1.08 lbs/SF; 72 SF/ctn
1984 – 1.08 lbs/SF; 80 SF/ctn
1990 – 1.08 lbs/SF; 24 SF/ctn
1991 – 1.08 lbs/SF; 30 SF/ctn
1992 – 1.08 lbs/SF; 36 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
1910M, 1913M, 1940M, 1943M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: ultima)
BPCS-4595-1015

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ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY
1910, 1913

Ultima

Ultima High NRC



Ultima® Beveled Tegular panels with Sonata® 9/16" suspension system (Pg. 289)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: ultima

A smooth visual ceiling with Total Acoustics™ performance, sound absorption and blocking, needed for today's flexible spaces

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Excellent sound absorption
- High CAC for excellent sound blocking – items 1894, 1895, 1951, 1952
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: items 1911HRC, 1912HRC, 1914HRC, 1915HRC. 71% Pre-consumer; 15% Post-consumer
- USDA Certified Biobased Product – 88%
- Available with AirGuard™ Coating
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Item 1912 available with Create!™ printed images and patterns – see pages 175-177
- Non-directional visual reduces scrap and installation time
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag (excludes items 1905 and 1929), mold, and mildew.

TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 236.)



1. Ultima Beveled Tegular
2. Ultima with Suprafine® 9/16" suspension system
3. Ultima with Silhouette® XL® 9/16" suspension system with 1/4" reveal

ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT — PRODUCT 88%

CLOSED LOOP RECYCLED CONTENT — CEILING-2-CEILING™
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 76% RECYCLED CONTENT

LEED® — energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance. $$$$

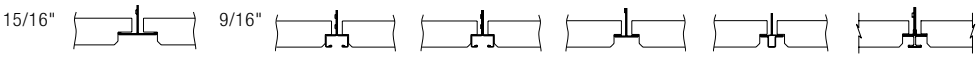
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1]	Articulation Class	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA® High NRC																			
15/16" Beveled Tegular	15	**1941**	24 x 24 x 1"	0.80 •	35 •	**BEST**	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	15	**1944**	24 x 48 x 1"	0.80 •	35 •	**BEST**	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	15	**Other Size Panels**	W: 12" – 24" / L: 24" – 60" 1" Thick	N/A	N/A	–	–	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1942**	24 x 24 x 1"	0.80 •	35* •	**BEST**	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1942HRC**	24 x 24 x 3/4"	0.75 •	35 •	**BETTER**	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1945**	24 x 48 x 1"	0.80 •	35* •	**BEST**	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**Other Size Panels**	W: 12" – 24" / L: 24" – 48" 1" Thick	N/A	N/A	–	–	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
ULTIMA®																			
15/16" Beveled Tegular	15	**1422**	6 x 48 x 3/4"	N/A	N/A	–	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1917**	12 x 24 x 3/4"	N/A	N/A	–	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1993**	12 x 48 x 3/4"	N/A	N/A	–	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in other size panels.

SUSPENSION SYSTEMS

15/16" Prelude®

9/16" Silhouette® 1/4" Reveal; Silhouette 1/8" Reveal; Suprafine®; Interlude® XL® HRC; Sonata® XL®



Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane.

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. (Excludes items 1905 and 1929).

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1917, 1993 – 1.05 lbs/SF; 24 SF/ctn
1945 – 1.14 lbs/SF; 40 SF/ctn
1941, 1942 – 1.125 lbs/SF; 40 SF/ctn
1944 – 1.125 lbs/SF; 40 SF/ctn
1422 – 1.08 lbs/SF; 24 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels

Metric Items Available
1917M, 1951M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 88%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 76% RECYCLED CONTENT

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

MINERAL FIBER

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA®																		
15/16" Beveled Tegular	15	**1994**	12 x 60 x 3/4"	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1995**	12 x 72 x 3/4"	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1911** **1911HRC**	24 x 24 x 3/4" 24 x 24 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	• •	•	•
	15	**1951**	24 x 24 x 3/4"	0.60	40 •	GOOD	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1894**	24 x 24 x 3/4"	0.60	40 •	GOOD	Fire Guard™	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1914** **1914HRC**	24 x 48 x 3/4" 24 x 48 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	• •	•	•
	15	**1985**	24 x 60 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1981**	24 x 72 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	FS **FastSize™ Panels**	W: 4" - 24" / L: 4" - 72" 3/4" thick	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1423**	6 x 48 x 3/4"	0.70 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1427**	6 x 60 x 3/4"	0.70 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1916**	12 x 24 x 3/4"	N/A	35 •	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1996**	12 x 48 x 3/4"	0.65	35 •	GOOD	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1997**	12 x 60 x 3/4"	0.65	35 •	GOOD	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1998**	12 x 72 x 3/4"	0.65	35 •	GOOD	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1912** **1912HRC**	24 x 24 x 3/4" 24 x 24 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	• •	•	•
	29, 44, 48, 52, 56, 60	**1952**	24 x 24 x 3/4"	0.60	40* •	GOOD	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1895**	24 x 24 x 3/4"	0.60	40* •	GOOD	Fire Guard	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1915** **1915HRC**	24 x 48 x 3/4" 24 x 48 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	• •	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

HRC items not available in other size panels.

ULTIMA®
ULTIMA® High NRC

Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 88%

CLOSED LOOP RECYCLED CONTENT
CEILING-2-CEILING
HRC items contain 15% or greater post-consumer recycled ceilings

UP TO 76% RECYCLED CONTENT

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

LOCATION DEPENDENT

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

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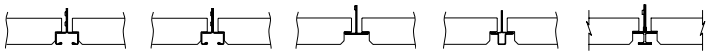
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA®																		
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1986**	24 x 60 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1982**	24 x 72 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1905** **1905HRC**	30 x 30 x 3/4" 30 x 30 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	Std	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1929**	30 x 54 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	Std	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	FS **FastSize™ Panels**	W: 4" - 24" / L: 4" - 72" 3/4" Thick	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
ULTIMA® with AirGuard™ Coating																		
15/16" Beveled Tegular	15	**1901**	24 x 24 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	15	**1904**	24 x 48 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1902**	24 x 24 x 3/4"	0.75 •	35* •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•
	29, 44, 48, 52, 56, 60	**1906**	24 x 48 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
HRC items not available in other size panels.

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

SUSPENSION SYSTEMS

9/16"



Silhouette® 1/4" Reveal | Silhouette 1/8" Reveal | Suprafine® | Interlude® XL® HRC | Sonata® XL®

new **Blizzard White – Suspension System Finish**
A color and texture coordinated suspension system to complement Ultima ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane.

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.) Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. (Excludes items 1905 and 1929).

Anti-Mold/Mildew & Bacteria
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/ USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1905 – 1.05 lbs/SF; 62.5 SF/ctn
1911, 1912, 1914, 1915 – 1.05 lbs/SF; 48 SF/ctn
1916, 1996 – 1.05 lbs/SF; 24 SF/ctn
1423 – 1.08 lbs/SF; 24 SF/ctn
1427 – 1.07 lbs/SF; 24 SF/ctn
1929 – 1.02 lbs/SF; 68 SF/ctn
1895, 1952, 1951 – 1.31 lbs/SF; 48 SF/ctn
1901, 1902, 1904, 1906 – 1.08 lbs/SF; 48 SF/ctn
1997, 1994 – 1.05 lbs/SF; 30 SF/ctn
1998, 1995 – 1.05 lbs/SF; 36 SF/ctn
1981, 1982 - 1.08 lbs/SF; 72 SF/ctn
1894, 1985, 1986 – 1.08 lbs/SF; 80 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
1905M, 1912M, 1912MHRC, 1914M, 1915M, 1916M, 1941M, 1944M, 1945M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/commceilings
(search: ultima)
BPCS-3039-1015

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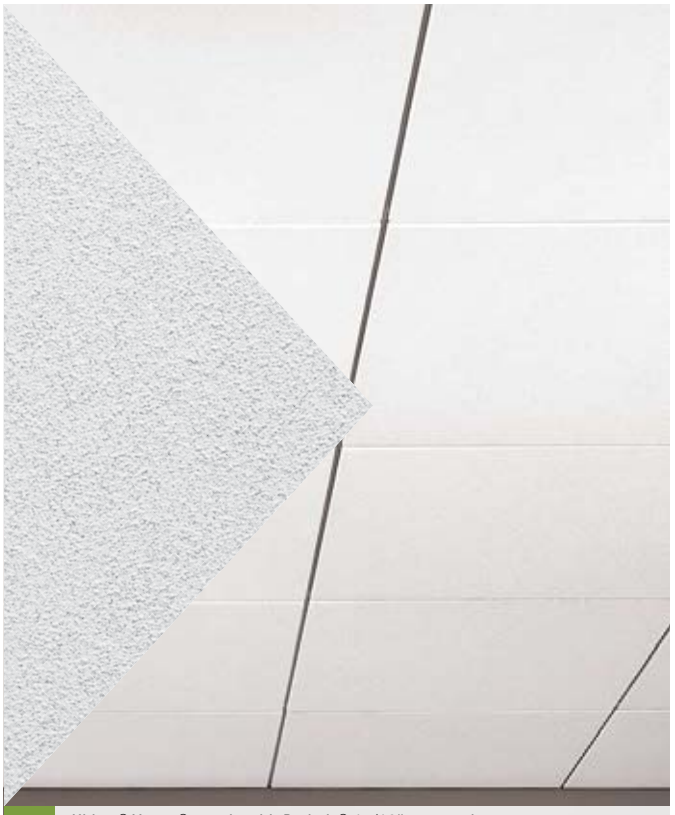
ULTIMA®

Vector® and Shiplap fine texture

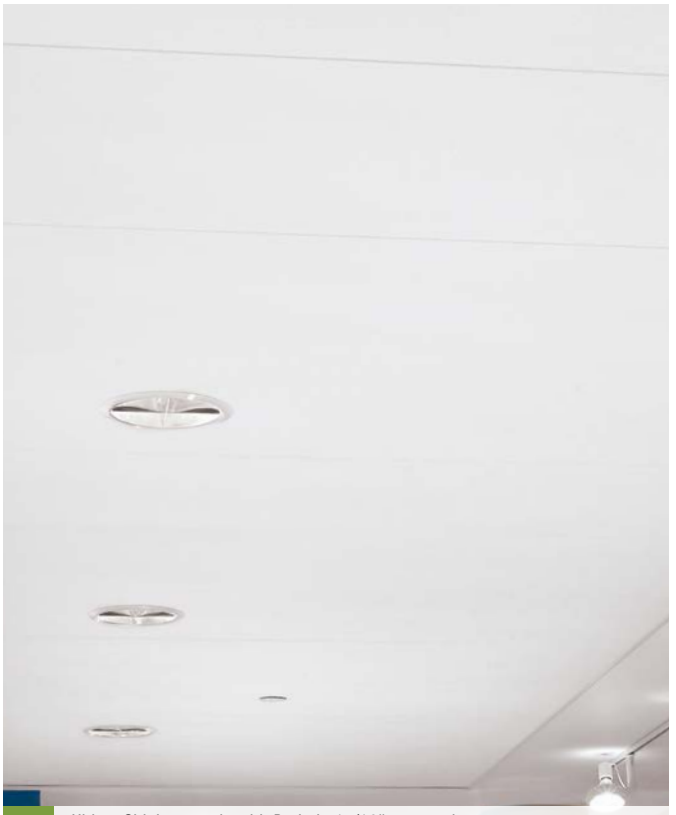
TOTAL ACOUSTICS™

10-YEAR REPLACEMENT PANEL AVAILABILITY

1920



Ultima® Vector® panels with Prelude® 15/16" suspension system
(Pgs. 279-280)



Ultima Shiplap panels with Prelude 15/16" suspension system
(Pgs. 279-280)

Ultima Vector and Shiplap panels are great for projects where plenum space is limited and a sleek, modern visual is desired. Shiplap items have Total Acoustics™ performance.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Smooth, clean, durable finish – Washable, Scratch-resistant, Soil-resistant
- 1/4" reveal resulting in a monolithic appearance (Vector)
- No reveal (Shiplap)
- Downward accessible for minimal plenum height (Vector)
- Excellent sound absorption and blocking (Shiplap)
- USDA Certified Biobased Product – 88%
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Item 1920 available with Create!™ printed images and patterns, see pages 175-177
- 30-Year Limited System Warranty against visible sag, mold, and mildew

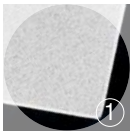
TYPICAL APPLICATIONS

- Renovation (Vector) – installs on existing 15/16" suspension
- Offices
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Corridors
- Lobbies/reception areas

COLOR

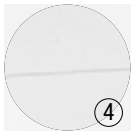
White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 240.)









1. Ultima Vector
2. Ultima Shiplap with Long Edge/Beveled Tegular Short Edge
3. Ultima Vector with Prelude 15/16" suspension system
4. Ultima Shiplap with Prelude 15/16" suspension system

ULTIMA®

Vector® and Shiplap
fine texture

UP TO 86% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 88%

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/materials; lighting quality; acoustics

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

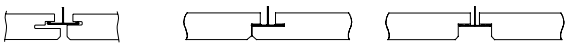
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC	UL Classified Acoustics CAC	Total Acoustics[1] NRC+CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Wash (Durability)	Scratch (Durability)	Soil (Durability)	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA® Vector®																	
1/4" Reveal	74	**1921**	12 x 24 x 3/4"	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•
	74	**1920**	24 x 24 x 3/4"	0.70 •	33	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•
	74	FS **FastSize™ Panels**	W: 4" – 24" / L: 4" – 24" 3/4" Thick	N/A	N/A	–	Class A	0.90 •	•	•	•	•	•	•	•	•	•
ULTIMA® Shiplap																	
15/16" SL2 Long/Shiplap Short/Tegular	67	**1989**	24 x 60 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•
	67	**1988**	24 x 72 x 3/4"	0.75 •	35 •	BETTER	Class A	0.90 •	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

15/16"



Prelude® Vector®

Prelude Shiplap Long edge/Beveled Tegular Short edge

ACCESSORIES (must be ordered separately)

Item No.	Length	Color	Substrate	Pcs per Carton
5790	12"	White	Extruded PVC	48
5791	24"	White	Extruded PVC	48
5792	30"	White	Extruded PVC	48
5793	48"	White	Extruded PVC	48

VECTOR – FIXTURE TRIMS

Item No.			Pcs per Carton
440A		Vector Border Clip (For all installations)	50
442A		Vector Hold Down Clip (For all installations)	50
7425		24" Stabilizer Bar	100
7445		48" Stabilizer Bar	100
7870		Spring Border Clip (For installations with the panel resting on the wall molding)	1,000

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol (excludes items 1920, 1921.)

Acoustical Performance
CAC testing conducted using Prelude XL suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content◆
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1920 – 1.08 lbs/SF; 48 SF/ctn
1921 – 1.08 lbs/SF; 24 SF/ctn
1988 – 1.08 lbs/SF; 72.5 SF/ctn
1989 – 1.08 lbs/SF; 80.5 SF/ctn

Minimum Order Quantity
1 carton, excludes FastSize sizes

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ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC

Square Lay-in
fine texture

TOTAL ACOUSTICS™



Ultima® Health Zone™ Square Lay-in panels with Prelude® 15/16" suspension system (Pgs. 279-280)

Smooth-textured Ultima Health Zone meets USDA/FSIS guidelines for use in food preparation areas, kitchens, and Clean Room assemblies, is water-repellent, and provides excellent sound absorption and blocking, addressing HIPAA requirements.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Clean Rooms up to ISO Class 5 (Class 100) (items 1935 & 1937)
- Exceeds FGI Guidelines for acoustics and cleanability in general healthcare spaces
- Meets USDA/FSIS guidelines for use in food processing areas
- Long-lasting water-repellency; Washable and Scrubbable
- USDA Certified Biobased Product – 88%
- Smooth, clean, durable finish – Impact-, Scratch-, and Soil-resistant; safe for use with disinfectants
- Excellent sound absorption
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

TYPICAL APPLICATIONS

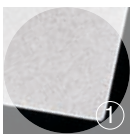
Clean Rooms (items 1935 & 1937)
Healthcare

- Patient rooms
- Treatment rooms
- Nurses' stations
- Emergency rooms
- Corridors
- Lavatories and restrooms
- Kitchen/food prep areas

COLOR

White

DETAILS





1. Ultima Health Zone Square Lay-in
2. Ultima® Health Zone™ High NRC Square Lay-in panels with Clean Room™ 15/16" suspension system

ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC

Square Lay-in
fine texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 88%

UP TO 77% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. ✓ | biobased materials ✓ | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting ✓ | low emitting/ materials ✓ | lighting quality ✓ | acoustics ✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

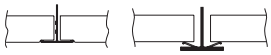
Dots represent high level of performance. $$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC + CAC	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Durability	Recycled Content	Recycle Program	30-Yr Warranty
ULTIMA® Health Zone™ High NRC																						
15/16" Square Lay-in	1, 6, 7	**1445**	24 x 24 x 1"	□	0.80 •	35 •	**BEST**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•	•
	1, 6, 7	**1448****	24 x 48 x 1"	▭	0.80 •	35 •	**BEST**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•	•
ULTIMA Health Zone																						
15/16" Square Lay-in	1, 6, 7	**1935**	24 x 24 x 3/4"	□	0.70 •	38 •	**BETTER**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•	•
	1, 6, 7	**1938****	24 x 48 x 3/4"	▭	0.70 •	38 •	**BETTER**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
** Item does not have painted edges

SUSPENSION SYSTEMS

15/16"



Prelude

Clean Room™ (Steel or Aluminum)

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent water-repellent membrane

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Prelude™ XL suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Cleaning Recommendations
To clean panel, use a clean, white cloth with water or a mild detergent, and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

Weight; Square Feet/Carton
1935, 1938 – 1.08 lbs/SF; 48 SF/ctn
1448, 1445 – 1.0 lbs/SF; 40 SF/ctn

Minimum Order Quantity
1 carton

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armstrong.com/commceilings
(search: ultima)
BPCS-4066-915

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ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC

Tegular
fine texture

TOTAL ACOUSTICS™



Ultima® Health Zone™ Tegular panels with Prelude® ML 15/16" suspension system (Pgs. 279-280)

Smooth-textured Ultima Health Zone meets USDA/FSIS guidelines for use in food preparation areas, kitchens and Clean Room assemblies, is water-repellent, and provides excellent sound absorption and blocking, addressing HIPAA requirements.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Clean Rooms up to ISO Class 5 (Class 100) (items 1935 & 1937)
- Exceeds FGI Guidelines for acoustics and cleanability in general healthcare spaces
- Meets USDA/FSIS guidelines for use in food processing areas
- Long-lasting water-repellency; Washable and Scrubbable
- USDA Certified Biobased Product – 88%
- Smooth, clean, durable finish – Impact-, Scratch-, and Soil-resistant; safe for use with disinfectants
- Excellent sound absorption
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

TYPICAL APPLICATIONS

Clean Rooms (items 1935 & 1937)
Healthcare:

- Patient rooms
- Treatment rooms
- Nurses' stations
- Emergency rooms
- Corridors
- Lavatories and restrooms
- Kitchen/food prep areas

COLOR

White

DETAILS (Other Suspension Systems compatible. Refer to listing on page 244.)



1. Ultima® Health Zone™ High NRC panel with panel Suprafine® 9/16" suspension system
2. Ultima® Health Zone™ High NRC Square Tegular panel with Prelude® XL® 15/16" suspension system
3. Ultima® Health Zone™ High NRC Square Tegular with Interlude® XL® HRC 9/16" suspension system

ULTIMA® Health Zone™
ULTIMA® Health Zone™ High NRC

Tegular
fine texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 88%

UP TO 77% RECYCLED CONTENT

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

Calculate LEED contribution at armstrong.com/greengenie

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

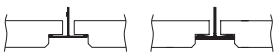
$$$$

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/ catdwgs	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= NRC + CAC	Total Acoustics[1]	Fire Rating	Light Reflect	Anti-Mold & Mildew Bio-Block	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
														Durability								
ULTIMA® Health Zone™ High NRC																						
15/16" Beveled Tegular	15, 16	**1447**	24 x 24 x 1"	☐	0.80 •		35 •	**BEST**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1446***	24 x 24 x 1"	☐	0.80 •		35* •	**BEST**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•
ULTIMA Health Zone																						
15/16" Beveled Tegular	15, 16	**1937**	24 x 24 x 3/4"	☐	0.70 •		38 •	**BETTER**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•
9/16" Beveled Tegular	29, 44, 48, 52, 56, 60	**1936**	24 x 24 x 3/4"	☐	0.70 •		35* •	**BETTER**	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•	•

[1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS

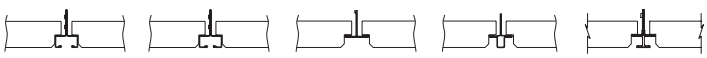
15/16"



Prelude
AL Prelude® Plus XL®
SS Prelude Plus XL

Clean Room™ (Steel or Aluminum)

9/16"



Silhouette® XL® 1/4" Reveal

Silhouette® XL 1/8" Reveal

Suprafine®

Interlude® XL® HRC

Sonata® XL®

PHYSICAL DATA

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent water-repellent membrane

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled.)

ASTM E1264 Classification
Type IV, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Silhouette suspension system.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Cleaning Recommendations
To clean panel, use a clean, white cloth with water or a mild detergent, and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

Weight; Square Feet/Carton
1936, 1937 – 1.08 lbs/SF; 48 SF/ctn
1447, 1446 – 1.0 lbs/SF; 40 SF/ctn

Minimum Order Quantity
1 carton

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(search: ultima)
BPCS-4066-915

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CUSTOM CEILING SYSTEMS

ALTITUDES™ Torsion Spring

Concealed Ceiling System
smooth texture

UP TO 35% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✔; regional materials ✔; design for flexibility; EPD; recyclable/extended producer resp.; biobased materials; recycled content ✔; sourcing of raw materials ✔; material ingredient reporting; low emitting/materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

$$$$



Altitudes™ Torsion Spring In White

A ceiling system with a monolithic look from sag-resistant, large custom-size panels.

KEY SELECTION ATTRIBUTES

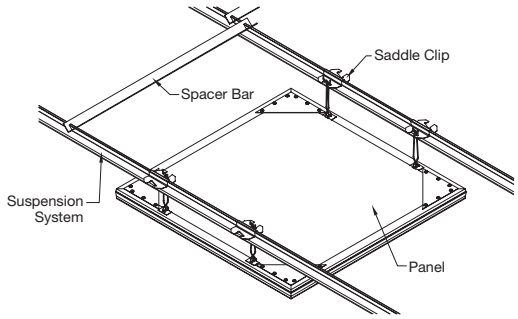
- Sizes up to 60" x 120" or 48" x 144" with or without up turns
- Shaped/curved panels available**
- Excellent acoustical performance – NRC (0.85)
- Wide variety of colors or fabric options available
- Smooth, clean, durable finish
- Downward accessible with tool
- Energy-saving high light-reflective finish (white)
- Non-directional visual

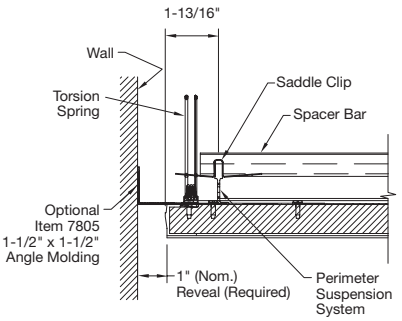
** Two opposite sides of panel must be straight

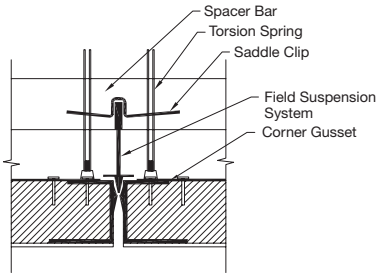
TYPICAL APPLICATIONS

- Transportation
- Office
- Lobby areas
- Auditoriums

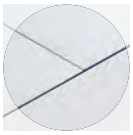
INSTALLATION DETAILS







DETAIL



COLOR



White (WH)

Made-to-order Sherwin-Williams® Colors Available*

Custom Fabrics Available†

* Choose colors from Sherwin-Williams® Durations or Harmony flat interior paint families. When ordering, use Sherwin-Williams 4-digit color code (SW _ _ _ _).

† Wide variety of fabrics available from manufacturers like Guilford of Maine®, Maharam®, Momentum, Knoll®, Carnegie, and Designtex®.

Guilford of Maine™ is a registered trademark of Guilford of Maine. Hytex® is a trademark of Hytex Industries. Koroseal® is a trademark of RJF International Corporation. Maharam® is a registered trademark of Maraham fabric corporation. Knoll® is a registered trademark of Knoll, Inc. Designtex® is a registered trademark of Steelcase Corporation.

PHYSICAL DATA

Material
Aluminum framed 6–7 pcf fiberglass and 16–20 pcf impact-resistant molded fiberglass with polypropylene based vapor barrier

Surface Finish
Factory-applied latex paint or woven fabric. Custom colors and fabrics also available. Contact TechLine at 877 278 7876.

Fire Performance
Class A per IBC. Flame Spread Index of 25 or less and Smoke Developed Index of 50 or less when tested in accordance with ASTM E84.

CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less and Smoke Developed Index of 50 or less.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

Design Consideration
Shape panels are available, however, the panel must have two straight sides opposite each other. Other sides may be curved.

Installation Considerations
Clean, white gloves should be worn when installing panels to keep them free from dust or soiling.

Approximately 6" of clearance is needed to accommodate this system

Design Support
Project management assistance is available by calling TechLine at 1 877 ARMSTRONG.

Seismic Considerations
System has been designed, tested and approved. See full installation instructions for seismic requirements.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet/Carton
Bulk crated

Minimum Order Quantity
1 carton

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Armstrong®

NON-STANDARD-SIZE CEILING SYSTEMS
FASTSIZE™
Ceiling Panel and Suspension System Program

FastSize™ Ceiling Panels The sizes you need… factory finished… one carton minimums… shipped fast! Available in select Cirrus®, Optima®, Optima® Capz™, and Ultima® panels. See "Item No." column on product pages for size availability. FastSize, other sizes, and colors not UL Classified for acoustics. HRC products not available in FastSize.



Ultima® Beveled Tegular 24" x 24" and 22" x 24" FastSize™ panels with Silhouette® 1/4" reveal 9/16" suspension system and 4" linear light fixtures

Field fabricated unfinished edge

Custom size, factory-finished ceiling panels and suspension systems; one carton minimum...shipped fast!

KEY SELECTION ATTRIBUTES

- Factory-finished edge details on ceiling panels
- Factory-finished routing for suspension systems
- Popular textures, including Cirrus®, Optima®, Optima® Capz®, and Ultima® panel textures
- Size flexibility:*
  - From 4" – 48" long and 4" – 120" wide for panels
  - From 36" – 144" for main beams; 6" – 144" for cross tees
  - Metric sizes available
- Fast lead times (from signed drawing to shipment from plant)
  - 3 weeks for panels
  - 2 weeks for suspension systems
  - 24-hour quotes
  - 24-hour for ship date confirmation
- One carton minimums
- Installation benefits:
  - No need for field-cutting panels or routing suspension system
  - Faster, easier installation
  - Minimized punch list

* Sizes intended for cut outs or borders only. For special size full field installations contact Armstrong customer service.

CEILING PANELS

Pattern	Edge Detail	Width	Length	Thickness
Cirrus	Square Lay-in	4" – 24"	4" – 48"	3/4"
	Tegular	4" – 24"	4" – 48"	3/4"
Optima	Square Lay-in	4" – 48"	4" – 120"	1"
	Square Tegular	4" – 48"	4" – 120"	1"
	Vector Concealed	4" – 30"	12" – 96"	7/8"
		30" – 48"	12" – 48"	7/8"
Optima Capz	Reverse Tegular	12" – 48"	12" – 120"	7/8"
Ultima	Square Lay-in	4" – 24"	4" – 72"	3/4"
	Beveled Tegular	4" – 24"	4" – 72"	3/4"
	Vector	4" – 24"	4" – 24"	3/4"

Exclusions: Cirrus® High NRC, Profiles, Themes™, and HRC / 1" Optima® – Health Zone™, Create!™ / Ultima® High NRC, AirGuard™ coating, Health Zone™, Create!, and HRC

SUSPENSION SYSTEMS

Pattern	Main Beam Length	Cross Tee Length	Route Spacing (custom options available
Prelude® ML	36" – 144"	6" – 144"	2" from ends, 4" O. C. thereafter
Prelude® XL®	36" – 144"	6" – 144"	2" from ends, 4" O. C. thereafter
Suprafine XL	36" – 144"	6" – 144"	2" from ends, 4" O. C. thereafter
new Interlude®	36" – 144"	6" – 144"	2" from ends, 4" O.C. thereafter
new Silhouette®	36" – 144"	6" – 144"	3" from ends, 6" O.C. thereafter

Exclusions: Prelude® ML Exterior and Suprafine® ML suspension systems

OPTIMA® Radial

Lay-in & Tegular Ceiling Systems

fine texture



Optima® Radial Custom White with Prelude® 15/16" custom suspension system (Pgs. 279-280)

cloud friendly



Visit Armstrong.com Photo Gallery to view more installation photos

SEARCH: optima

Panels designed for dramatic installations, requiring the fine-textured visual and performance of Optima.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance in both Articulation Class (190-200) and NRC (0.90-0.95)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Energy-saving high light-reflective finish
- Sag resistant large panels
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

TYPICAL APPLICATIONS

- Office
- Education
- Hospitality and retail
- Healthcare
- Transportation

COLOR

White

DETAILS





1. Optima® Square Lay-in
2. Optima Square Tegular

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

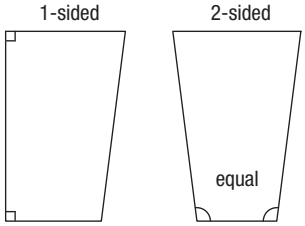
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
✓	✓	✓	✓		✓		✓	✓	✓			✓

▲ LOCATION DEPENDENT

$$$$

OPTIMA® RADIAL SYSTEM OVERVIEW

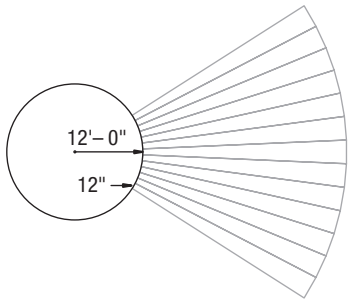
Product	Panels	Length	Width	System Capabilities	Suspension System
OPTIMA Lay-in or Tegular					
	Custom Trapezoid Lay-in, Custom Trapezoid Tegular	6" intervals from 24"- 66"	12"- 48"	• Meets taper up to 5° • Minimum inside radius 12" • Center must be a separate component	Interlude®, Suprafine®, Prelude® (accessible) with custom cross tees



One-sided or symmetrical two-sided trapezoid

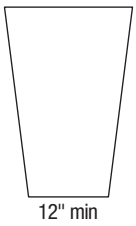
One-sided:
- Refer to Optima Radial Technical Guide for additional capabilities

Two-sided:
- Each tapered side MUST be symmetrical
- Refer to Optima Radial Technical Guide for additional capabilities



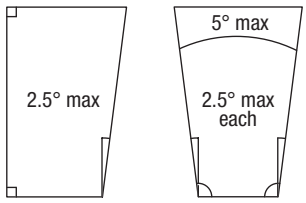
Minimum radius 12'-0" (12" minimum panel edge)

Minimum Radius:
- The minimum achievable radius is 12'. This is based on a minimum panel edge of 12" with the maximum tapers noted below
- Optima Radial panels CANNOT be used inside this 12' radius – drywall may be a suitable alternative



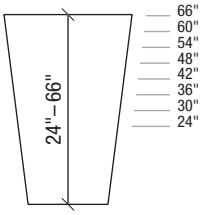
Width 12"- 48"

Width:
- Trapezoid panels are available in widths from 12" to 48"



Taper maximum 2.5° angle per side

Taper:
- The maximum taper angle per side for all trapezoids is 2.5 degrees
- For two-sided trapezoids, the taper angle must be equal on both sides (i.e., symmetrical) for a maximum of 5 degrees



Length 24"-66" in 6" increments

Length:
- 8 lengths are available in the following 6" increments: 24," 30," 36," 42," 48," 54," 60," and 66"

NOTE: This information does not apply to WoodWorks® or MetalWorks™ Radial ceilings. Please consult TechLine at 1 877 ARMSTRONG, or visit armstrong.com/radial for more details.

PHYSICAL DATA

Material
Fiberglass with DuraBrite® acoustically transparent membrane. With or without CAC backing.

Surface Finish
DuraBrite with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)

ASTM E1264 Classification
Type XII, Form 2, Pattern E
Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

Primary (Embodied) Energy
See all LCA information on our EPD's.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
3/4" – R Factor – 3.0 (BTU units) 0.53 (Watts units)
1" – R Factor – 4.0 (BTU units) 0.70 (Watts units)
1-1/2" – R Factor – 6.0 (BTU units) 1.05 (Watts units)

Weight; Square Feet/Carton
Sizes, weight, and square feet vary with order

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Minimum Order Quantity
1 carton

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techzone & linear lighting

Our TechZone® Ceiling Systems and Suspension Systems feature clean, factory-finished ceiling panels and suspension systems that allow for continuous or non-continuous linear lighting options.

- FastSize™ ceiling panels and suspension systems
- Factory-finished edges
- One-carton minimum and fast shipping



WoodWorks® Tegular perforated field panels, MetalWorks™ Tegular technical panels in Black with Suprafine® 9/16" suspension system in Black. Armstrong World Industries, Lancaster, PA



techzone & linear lighting



TechZone® Ceiling System with Optima® field panels
and 6" technical panels; TCU Rees-Jones Hall, Fort Worth, TX
Hahnfeld Hoffer Stanford and Cannon Design

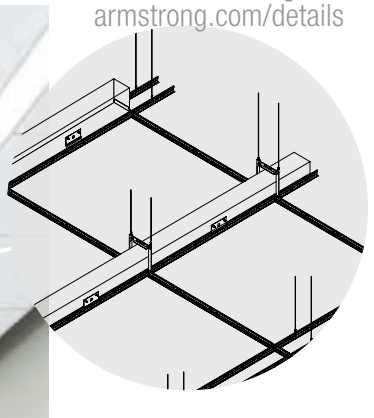
TECHZONE® Ceiling Systems

Easy Steps to Designing Your TechZone Ceiling

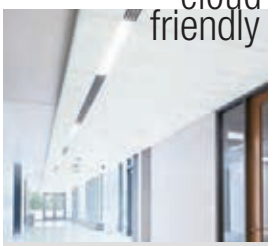


Optima® 48" x 48" Tegular field panels, Optima Lay-in TechZone panels with Suprafine® XL® 9/16" suspension system (Pgs. 287-288)

CAD/Revit® drawings at:
armstrong.com/details



cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: techzone

The industry's first easy-to-specify-and-install ceiling solution with integrated technical services

KEY SELECTION ATTRIBUTES

- A clean, monolithic look using standard ceiling panels and suspension system
- Available with Lyra™, Optima®, Calla™, Ultima®, MetalWorks™ and WoodWorks® panels
- Organizes lighting, air diffusers/returns, and sprinkler systems into 4", 6", or 12" wide technical zones
- A range of compatible fixtures from partner companies that are prequalified for fit and finish. Visit armstrong.com/techzone for links to partners for lighting, chilled beams, diffusers and sprinklers

CEILING PANEL OPTIONS

Warm wood, cool metal, bright white – the choice is yours.

CALLA™ OR LYRA™

- Smooth drywall-like ceiling visual
  - Coordinates with Blizzard White suspension system and Axiom® trim
  - High light reflectance
  - High durability
- Total Acoustics™ performance
  - Reduces reverberation
  - Enhances speech privacy
  - 0.85 NRC, 35 CAC Calla
  - 0.95 NRC, 42 CAC Lyra™ High CAC

WOODWORKS®

- Warm, rich FSC®-certified wood in five standard finishes
- BioAcoustic™ infill panels enhance acoustics
- 0.40 NRC with W2 perforation and infill panel

OPTIMA® or ULTIMA®

- Non-directional DuraBrite® scrim surface for:
  - Excellent durability
  - Superior light reflectance to enhance daylighting and save energy
- Total Acoustics performance:
  - Reduces noise reverberation
  - Enhances speech privacy
  - 0.70 NRC, 35 CAC Ultima
- Outstanding noise reduction
  - 0.90+ Optima

METALWORKS™

- Three standard finishes for field and technical panels
- Total Acoustics™ performance with Mineral Fiber backing
  - 0.70 NRC, 38 CAC standard
  - Fleece-backed perforated panels provide outstanding acoustics
  - 0.90 NRC with infill panel
- Exceptionally durable
  - Washable
  - Scrubbable
  - Soil-resistant

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Revit® is a registered trademark of Autodesk, Inc.

Armstrong®

TECHZONE® Ceiling Systems

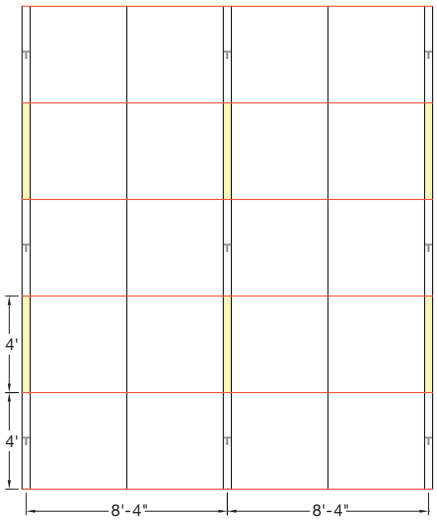
Easy Steps to Designing Your TechZone Ceiling



TechZone® Ceiling System with Optima® 48" x 48" field panels and 6" x 48" technical panels

1. DESIGN YOUR LAYOUT

Ceiling Module 4'
On-Center Spacing 8'-4"
Field Panel 48" x 48"



KEY: Main Runners Cross Tees Lights (suggested location)

2. CHOOSE YOUR FIELD PANELS*

LYRA™, CALLA™, OPTIMA®, OR ULTIMA®

White

WOODWORKS®

Natural Variations™
(Real Wood Veneers)

Beech (NBE) Maple (NMP) Light Cherry (NLC) Dark Cherry (NDC)

Bamboo
(Rapidly Renewable)

Patina (BAP)

Perforation Options
(1:2 scale shown)

Unperforated (W1)

Round Straight Rg 6006 (W2) (field panels only)

METALWORKS™

Whitelume (WHA) Silverlume (SIA) Gun Metal (MYA)

Unperforated (M1)

Pattern 2 Rd 1612 (M15) (field panels only)

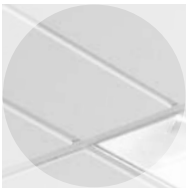
TECHZONE® Ceiling Systems

Easy Steps to Designing Your TechZone® Ceiling

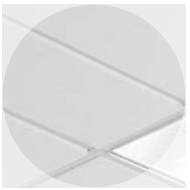
EDGE DETAILS



Ultima®, Optima®, Lyra™, and Lyra™ High CAC
Square
Lay-in



Ultima and Calla™
Beveled
Tegular



Optima, Lyra, and Lyra™ High CAC
Square
Tegular



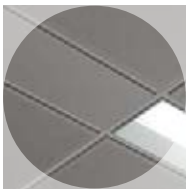
Optima
Vector®



MetalWorks™
Unperforated
Square
Tegular



MetalWorks
Unperforated
Vector®
Technical
Panels only



MetalWorks
Square
Tegular



WoodWorks®
Square
Tegular

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Description	Acoustics NRC	+	Acoustics CAC	=	Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Rating	Light Reflect (White Only)	Sag Resist Humi-Guard+	Durability: Wash	Durability: Scrub	Durability: Impact	Durability: Scratch	Durability: Soil	Recycled Content	Recycle Program	30-Yr Warranty
new Lyra	0.95 ●		N/A		–	190 ●	Class A	0.88 ●	●	●	–	●	●	●	71%	●	●
new Lyra™ High CAC	0.95 ●		42 ●		–	200 ●	Class A	0.88 ●	●	●	–	–	●	●	59%	●	●
Optima 1" thick panels	0.95 ●		N/A 26*		–	190 ●	Class A	0.90 ●	●	●	–	●	●	●	71%	●	●
Optima 3/4" thick panels	0.90 ●		N/A		–	180 ●	Class A	0.90 ●	●	●	–	●	●	●	71%	●	●
new Calla	0.85 ●		35		✔	170 ●	Class A	0.86 ●	●	●	–	●	●	●	Up to 76%	●	●
Ultima	0.70 ●		35 ●		✔	N/A	Class A	0.90 ●	●	●	–	●	●	●	Up to 80%	●	●
Ultima (items 1905, 1929)	0.70 ●		35 ●		✔	N/A	Class A	0.90 ●	Std	●	–	●	●	●	Up to 80%	●	1-Yr
WoodWorks Unperforated	N/A		38 ●		–	N/A	Class A	N/A	Std	–	–	–	–	–	92%	–	1-Yr
WoodWorks W2 Perforated with infill panel	0.40		28		–	N/A	Class A	N/A	Std	–	–	–	–	–	92%	–	1-Yr
MetalWorks Unperforated	0.40		28		–	N/A	Class A	0.89 ●	●	●	●	●	–	●	25%	–	1-Yr
MetalWorks M15 Perforated	0.70 ●		38† ●		✔	N/A	Class A	0.77	●	●	●	●	–	●	25%	–	1-Yr
MetalWorks M15 Perforated with infill panel	0.90 ●		N/A		–	N/A	Class A	0.77	●	●	●	●	–	●	25%	–	1-Yr

† With Item #747 mineral fiber backing * With CAC backing [1] Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

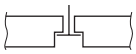
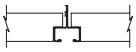
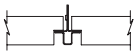
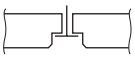
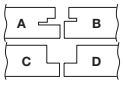
FIELD PANELS

Suspension Dimension	Edge Profile	Dimensions	new Lyra Item Numbers	Optima Item Numbers	new Calla Item Numbers	Ultima Item Numbers	WoodWorks Unperforated Item Numbers	WoodWorks Perforated Item Numbers	MetalWorks Unperforated Item Numbers	MetalWorks Perforated Item Numbers
15/16"	Prelude® XL® Square Lay-In 	20" x 60"		3156†						
		24" x 24"	8732	3152†/3150**		1910†				
		24" x 48"		3153†/3151**		1913†				
		24" x 60"		3164		1984				
		24" x 72"	8450	3161**†		1980†				
		24" x 96"		3162**†						
		30" x 30"	8452	3158†		1905†				
		30" x 60"	8453	3157†						
		48" x 48"	8370	3160†/3160PB						
		48" x 96"		3154						

** These panels are 3/4" thick.

† Environmental Product Declaration EPD

FIELD PANELS

Suspension Dimension	Edge Profile	Dimensions	new Lyra™	Optima®	new Calla™	Ultima®	WoodWorks® Unperforated◆	WoodWorks Perforated◆	MetalWorks™ Unperforated◆	MetalWorks Perforated◆
							Item Numbers			
15/16"	Prelude® XL® Square Tegular 	20" x 60"		3278†						
		24" x 24"	8360, 8730	3250†						
		24" x 48"	8352	3252†						
		24" x 72"		3281†						
		24" x 96"		3282†						
		30" x 30"		3258†						
		30" x 60"		3286†						
		48" x 48"	8355	3255†						
15/16"	Prelude XL Beveled Tegular 	24" x 24"			2822	1911†				
		24" x 48"			2823	1914†				
		24" x 60"				1985				
		24" x 72"				1981†				
9/16"	Suprafine® XL® Square Tegular 	12" x 48"	8377	3290			6484W1 _ _ _	6484W2 _ _ _	6643M1 _ _ _	6643M15 _ _ _
		20" x 54"		3276†						
		20" x 56"		3266†						
		20" x 60"		3277†						
		21" x 24"		3279†						
	Silhouette® XL Square Tegular 1/4" Reveal 	24" x 24"	8361, 8731	3251†			5406W1 _ _ _	5406W2 _ _ _	6641M1 _ _ _	6641M15 _ _ _
		24" x 42"		3280†			6510W1 _ _ _	6510W2 _ _ _	6644M1 _ _ _	6644M15 _ _ _
		24" x 48"	8357	3257†			6486W1 _ _ _	6486W2 _ _ _	6642M1 _ _ _	6642M15 _ _ _
		24" x 60"	8365	3265†						
	Interlude® XL® Square Tegular 	24" x 72"	8381	3261†						
		24" x 96"	8382	3262†						
		27" x 30"		3283†			6512W1 _ _ _	6512W2 _ _ _	6645M1 _ _ _	6645M15 _ _ _
		28" x 30"	8461	3268†						
		28" x 60"		3269†						
		30" x 30"	8359	3259†			6511W1 _ _ _	6511W2 _ _ _	6646M1 _ _ _	6646M15 _ _ _
		30" x 54"		3284†						
		30" x 56"	8466	3289†						
		30" x 60"	8385	3285†						
		42" x 48"	8462	3287†						
		44" x 48"	8463	3288†						
		48" x 48"	8456	3256†						
		48" x 54"		3249†						
9/16"	Suprafine XL Beveled Tegular 	24" x 24"			2824	1912†				
		24" x 48"			2825	1915†				
		24" x 60"				1986				
		24" x 72"				1982†				
		30" x 30"				1905†				
		30" x 54"				1929				
15/16"	Vector® with 1/4" Reveal 	24" x 24"		3900						
		24" x 48"		3908						
		24" x 72"		3906						
		24" x 96"		3907						
		30" x 30"		3904						
		48" x 48"		3909						

◆ Add 3-letter color suffix to item number when specifying or ordering (e.g. 6484W1 N M P) WoodWorks Field Panel Color Choices: Beech (NBE), Maple (NMP), Light Cherry (NLC), Dark Cherry (NDC), Bamboo Patina (BAP); MetalWorks Field Panel Color Choices: Whitelume (WHA), Silverlume (SIA), Gun Metal (MYA)

† Environmental Product Declaration EPD

3. CHOOSE YOUR TECHNICAL PANELS*

LYRA™, OPTIMA®, OR ULTIMA®

White (WH)

WOODWORKS®

Natural Variations™ (Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC) | Dark Cherry (NDC)

Bamboo (Rapidly Renewable)



Patina (BAP)

Perforation Options



Unperforated (W1)

METALWORKS™



Whitelume (WHA) | Silverlume (SIA) | Gun Metal (MYA) | Black (BL)

Unperforated (M1)

* Include finish, and perforation if applicable for your selected layout

TECHNICAL PANELS

Suspension Dimension	Edge Profile	Dimensions	new Lyra	Optima	Ultima	WoodWorks Unperforated	MetalWorks Unperforated
			Item Numbers				
15/16"	Prelude® XL® Square Lay-In	4" x 48"	8334	1462			7261M1WHA
		4" x 60"	8335	1463			7262M1WHA
		6" x 48"	8336	1400†	1420		7255M1 _ _ _*
		6" x 60"	8337	1404†	1425		7256M1 _ _ _*
15/16"	Prelude XL Square Tegular	4" x 48"					7259M1WHA
		4" x 60"					7260M1WHA
		6" x 48"		1402†			
		6" x 60"		1406†			
		12" x 24"		3264			
15/16"	Prelude XL Beveled Tegular	6" x 48"			1422		
		12" x 24"			1917†		
9/16"	Suprafine® XL® Square Tegular	4" x 48"	8344	1410			7251M1
		4" x 60"	8345	1411			7252M1
		6" x 6"		1412†		6519W1_ _ _*	6647M1_ _ _*
		6" x 12"		1413†			6648M1_ _ _*
		6" x 42"		1415†			
		6" x 48"	8346	1403†		6513W1_ _ _*	6649M1_ _ _*
		6" x 54"		1417†			
		6" x 60"	8347	1407†		6514W1_ _ _*	6650M1_ _ _*
		6" x 96"		1409†			
		12" x 24"		3263			
		12" x 48"		3290			
		12" x 96"		1414†			
9/16"	Suprafine XL Beveled Tegular	6" x 48"			1423		
		6" x 60"			1427		
		12" x 24"			1916†		
15/16"	Vector® with 1/4" Reveal	6" x 48"		1466			7257M1WHA
		6" x 60"					7258M1WHA
		6" x 96"		1467			

◆ Add 3-letter color suffix to item number when specifying or ordering (e.g. 6484W1 N M P) WoodWorks Field & Technical Panel Color Choices: Beech (NBE), Maple (NMP), Light Cherry (NLC), Dark Cherry (NDC), Bamboo Patina (BAP); MetalWorks Field & Technical Panel Color Choices: Whitelume (WHA), Silverlume (SIA), Gun Metal (MYA)

† Environmental Product Declaration EPD

4. CHOOSE A COMPATIBLE SUSPENSION SYSTEM

Prelude® XL® – 15/16" Suspension System

Item No.	Description
7300	144" ID Prelude XL Main Beam
7301	144" HD Prelude XL Main Beam
7306	132" HD Prelude XL Main Beam
XL7304	4" Prelude XL Cross Tee
XL7306	6" Prelude XL Cross Tee
XL7328	24" Prelude XL Cross Tee
XL7340	48" ID Prelude XL Cross Tee
XL7341	48" HD Prelude XL Cross Tee
XL7358	60" Prelude XL Cross Tee
XL7378	30" Prelude XL Cross Tee
XL7380	96" Prelude XL Cross Tee
XL7390	72" Prelude XL Cross Tee


PRELUDE
15/16" Square Lay-in

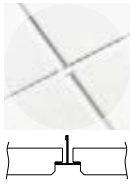
Suprafine® XL – 9/16" Suspension System

Item No.	Description
7500	144" ID Suprafine XL Main Beam
7501	144" HD Suprafine XL Main Beam
7504	120" HD Suprafine XL Main Beam
7505	100" HD Suprafine XL Main Beam
7507	144" HD Suprafine XL Main Beam
7508	132" HD Suprafine XL Main Beam
7512	120" HD Suprafine XL Main Beam
7536	144" HD Suprafine XL Main Beam
7588	88" HD Suprafine XL Main Beam
XL7504	4" Suprafine XL Cross Tee
XL7506	6" Suprafine XL Cross Tee
XL7510	12" Suprafine XL Cross Tee
XL7561	21" Suprafine XL Cross Tee
XL7520	24" Suprafine XL Cross Tee
XL7567	27" Suprafine XL Cross Tee
XL7528	28" Suprafine XL Cross Tee
XL7570	30" Suprafine XL Cross Tee
XL7562	42" Suprafine XL Cross Tee
XL7563	44" Suprafine XL Cross Tee
XL7540	48" ID Suprafine XL Cross Tee
XL7549	48" HD Suprafine XL Cross Tee
XL7564	54" Suprafine XL Cross Tee
XL7569	54" Suprafine XL Cross Tee
XL7556	56" Suprafine XL Cross Tee
XL7558	60" Suprafine XL Cross Tee
XL7568	66" Suprafine XL Cross Tee
XL7590	72" Suprafine XL Cross Tee
XL7580	96" Suprafine XL Cross Tee


PRELUDE
15/16" Beveled Tegular


PRELUDE
15/16" Square Tegular

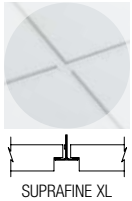

SUPRAFINE XL
9/16" Square Lay-in

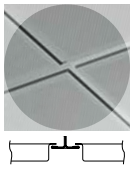

SUPRAFINE XL
9/16" Beveled Tegular

Suprafine XL – Colors - 9/16" Suspension System

Item No.	Description
TZ7501xx	120" HD Suprafine Main Beam
TZ7504xx	144" HD Suprafine Main Beam*
TZXL7504xx	4" Suprafine XL Cross Tee
TZXL7506xx	6" Suprafine XL Cross Tee
TZXL7510xx	12" Suprafine XL Cross Tee
TZXL7520xx	24" Suprafine XL Cross Tee
TZXL7567xx	27" Suprafine XL Cross Tee
TZXL7570xx	30" Suprafine XL Cross Tee
TZXL7562xx	42" Suprafine XL Cross Tee
TZXL7541xx	48" Suprafine XL Cross Tee
TZXL7564xx	54" Suprafine XL Cross Tee
TZXL7556xx	56" Suprafine XL Cross Tee
TZXL7558xx	60" Suprafine XL Cross Tee
TZXL7568xx	66" Suprafine XL Cross Tee

* Routes 6" O.C.

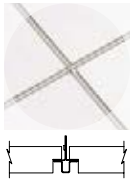

SUPRAFINE XL
9/16" Square Tegular


SUPRAFINE XL
9/16" Metal
Square Tegular

Interlude® XL® HRC – 9/16" Suspension System

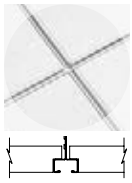
Item No.	Description
6100HRC	144" ID Interlude XL HRC Main Beam
6101HRC	144" HD Interlude XL HRC Main Beam
6121HRC	144" ID Interlude XL HRC Main Beam
6121AHRC	144" HD Interlude XL HRC Main Beam
6122HRC	120" HD Interlude XL HRC Main Beam
6123HRC	88" HD Interlude XL HRC Main Beam
6127HRC	120" HD Interlude XL HRC Main Beam
6132HRC	132" HD Interlude XL HRC Main Beam
6187HRC	100" HD Interlude XL HRC Main Beam
6197HRC	144" HD Interlude XL HRC Main Beam
XL6104HRC	4" Interlude XL HRC Cross Tee
XL6106HRC	6" Interlude XL HRC Cross Tee
XL6110HRC	12" Interlude XL HRC Cross Tee
XL6161HRC	21" Interlude XL HRC Cross Tee
XL6120HRC	24" Interlude XL HRC Cross Tee
XL6167HRC	27" Interlude XL HRC Cross Tee
XL6128HRC	28" Interlude XL HRC Cross Tee
XL6170HRC	30" Interlude XL HRC Cross Tee
XL6162HRC	42" Interlude XL HRC Cross Tee
XL6163HRC	44" Interlude XL HRC Cross Tee
XL6140HRC	48" Interlude XL HRC Cross Tee
XL6164AHRC	54" Interlude XL HRC Cross Tee
XL6169HRC	54" Interlude XL HRC Cross Tee
XL6156HRC	56" Interlude XL HRC Cross Tee
XL6150HRC	60" Interlude XL HRC Cross Tee
XL6168HRC	66" Interlude XL HRC Cross Tee
XL6190HRC	72" Interlude XL HRC Cross Tee
XL6180HRC	96" Interlude XL HRC Cross Tee

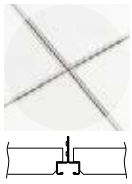

INTERLUDE XL HRC
9/16" Beveled Tegular


INTERLUDE XL HRC
9/16" Square Tegular

Silhouette® XL 1/4" Reveal – 9/16" Suspension System

Item No.	Description
7611	144" HD Silhouette XL Main Beam
7613	108" HD Silhouette XL Main Beam
7619	78" Silhouette XL Main Beam
7621	132" HD Silhouette XL Main Beam
7622	102" HD Silhouette XL Main Beam
7626	120" HD Silhouette XL Main Beam
7637	96" HD Silhouette XL Main Beam
7638	126" HD Silhouette XL Main Beam
7639	126" HD Silhouette XL Main Beam
XL7604	4" Silhouette XL Cross Tee
XL7606	6" Silhouette XL Cross Tee
XL7621	21" Silhouette XL Cross Tee
XL7620	27" Silhouette XL Cross Tee
XL7652	27" Silhouette XL Cross Tee
XL7670	30" Silhouette XL Cross Tee
XL7663	44" Silhouette XL Cross Tee
XL7640	48" Silhouette XL Cross Tee
XL7645	48" Silhouette XL Cross Tee – center notched both sides
XL7646	48" Silhouette XL Cross Tee – center notched one side
XL7652	54" Silhouette XL Cross Tee
XL7653	56" Silhouette XL Cross Tee
XL7651	60" Silhouette XL Cross Tee – notched one side at 20" and 40"
XL7654	60" Silhouette XL Cross Tee – notched both sides at 20" and 40"
XL7655	60" Silhouette XL Cross Tee – center notched both sides
XL7656	60" Silhouette XL Cross Tee – center notched one side
XL7690	72" Silhouette XL Cross Tee
XL7680	96" Silhouette XL Cross Tee


SILHOUETTE XL
9/16" Square Tegular
(1/4" reveal)


SILHOUETTE XL
9/16" Beveled Tegular
(1/8" reveal)

5. CHOOSE YOUR PERIMETER TREATMENT, MOLDINGS, AND ACCESSORIES

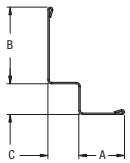
a. Wall to Wall installations
b. Cloud/Floating installations
c. Elevation or material transitions in the ceiling plane

Accessories

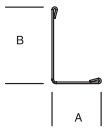
TXYK	TechZone Yoke
TZBC	TechZone Bracing Clip
STAC	Single Tee Attachment Clip
XTAC	Cross Tee Attachment Clip
AXTBC	Axiom T-Bar Connector Clip
7891	12 Gauge Hanger Wire

SELECT PERIMETER ANGLE AT WALL

Tegular, Lay-in, and Vector® Shadow Molding
7875 – A-3/4", B-15/16", C-1/2"
7877 – A-15/16", B-15/16", C-1/4"
7897 – A-15/16", B-15/16", C-1/2"

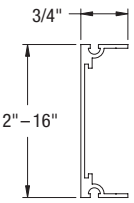


Tegular, Lay-in, and Vector Angle Molding
7800 – A-7/8", B-7/8"
7804 – A-9/16", B-7/8"
7808 – A-2", B-2"

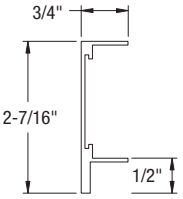


SELECT PERIMETER TRIM AT FLOATING EDGE

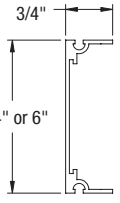
Axiom® Classic Trim – straight or curved



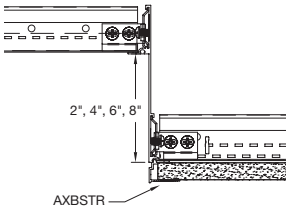
Axiom® Vector® Trim – straight or curved



WoodWorks® Trim (with aluminum substrate) – straight or curved



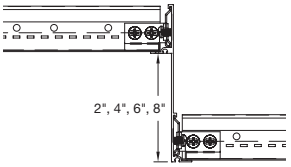
SELECT TRANSITION COMPONENTS



Axiom Transitions
Acoustical Ceiling to Drywall
Elevation Changes

Curved AXTRXCUR

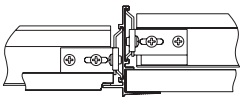
Straight AXTRXSTR



Axiom Transitions
Acoustical Ceiling to Acoustical
Ceiling Elevation Changes

Curved AXTRXCUR

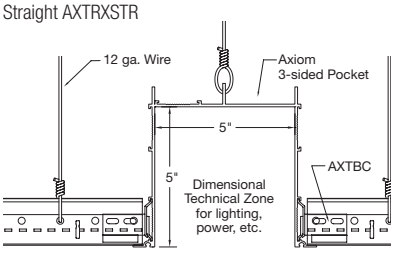
Straight AXTRXSTR



Axiom Transitions
Acoustical Ceiling to
Drywall in Same Plane

Curved AXTRTECUR

Straight AXTRTESTR

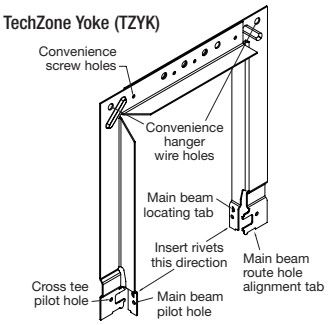


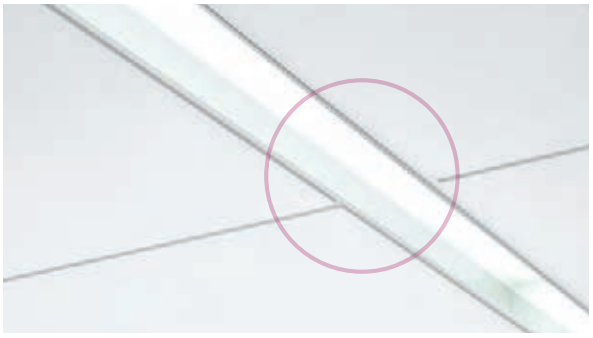
Axiom Dimensional TechZone

Straight AXP3552

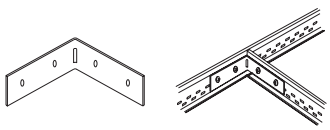
TECHZONE® YOKE ALLOWS TRUE CONTINUOUS LIGHT

- Create a sleek ceiling design with uninterrupted ribbons of light
- Alternate continuous lights and diffusers with other services for a monolithic, uncluttered visual
- Easy installation
- Seismic tested
- Ability to use with 4" and 6" configurations





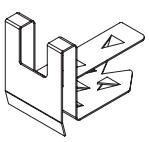
CROSS TEE ADAPTER CLIP



Cross Tee Adapter Clip (XTAC)

Used to attach field-cut cross tees to main beams.

STABILIZER CLIP

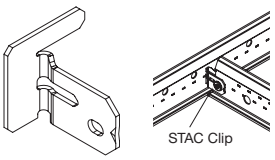


Stabilizer Clip, Item 435, for Optima®

Recommended for panels 5' and greater in length. Ordered separately.

NOTE: Panels 5' up to 8' – One clip installed near the midpoint of each long edge. Panels 8' – Two clips installed at one-third points of each long edge.

STAC CLIP

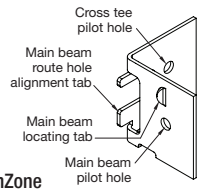


STAC Clip (STAC)

Single tee attachment clip for creating playful designs with off module lighting.

Seismic tested.

BRACING CLIP



TechZone Bracing Clip (TZBC)

Used to connect cross tees to the main beam of the continuous technical zone when no yoke is present.

Suspension Systems for On-center Linear Lighting

Components and Accessories



Optima® 24" x 24" Tegular panels with Suprafine® 9/16" suspension system and integrated linear lighting

Standard components make on-center linear lighting fast and easy to specify and build.

KEY SELECTION ATTRIBUTES

- Lay out your ceiling design with your favorite linear light fixture
- Choose from unlimited combinations of layouts using on-center light spacing
- Specify factory-finished Armstrong® FastSize™ or made-to-order ceiling panels and suspension systems

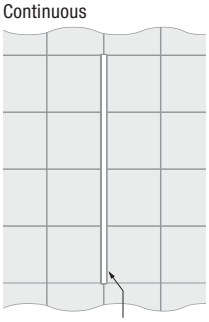
Refer to BPCS-5008 for details and layout information.

SUSPENSION SYSTEMS

Item No.	Description	Route Spacing	Notching
Silhouette® XL® 1/8" Reveal 9/16" Slotted Tee Suspension System			
761238_ _	12' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
761228_ _	10' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
761218_ _	8' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
761208_ _	6' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
XL76898_ _	8' Cross Tee - Notched both sides @ 24", 72", notched one side @ 46", 50" and on opposite side @ 48"		
XL76498_ _	4' Cross Tee - Notched one side only @ 22", 26" and on opposite side @ 24"		
XL76478_ _	46" Cross tee - Notched both sides @ 22"		
XL76448_ _	44" Cross tee - Center notched, both sides		
XL76288_ _	28" Cross Tee - Unnotched		
XL76228_ _	22" Cross Tee - Unnotched		
GA76998_ _	1' Main Beam to Cross Tee Adapter	6" O.C.	
Silhouette XL 1/4" Reveal 9/16" Slotted Tee Suspension System			
76123_ _	12' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
76122_ _	10' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
76121_ _	8' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
76120_ _	6' HD Main Beam - Notched 24" O.C. one side	12" O.C.	
XL7689_ _	8' Cross Tee - Notched both sides @ 24", 72", notched one side @ 46", 50" and on opposite side @ 48"		
XL7649_ _	4' Cross Tee - Notched one side only @ 22", 26" and on opposite side @ 24"		
XL7647_ _	46" Cross tee - Notched both sides @ 22"		
XL7644_ _	44" Cross tee - Center notched, both sides		
XL7628_ _	28" Cross Tee - Unnotched		
XL7622_ _	22" Cross Tee - Unnotched		
GA7699_ _	1' Main Beam to Cross Tee Adapter	6" O.C.	
Accessories			
LCB4	4" Lighting Connector Bracker (For XAL LENO Light Fixture Only)		
TZYK	TechZone Continuous Lighting Yoke (for 4" to 6" Wide Light Fixtures)		
STAC	Single Tee Adapter Clip		

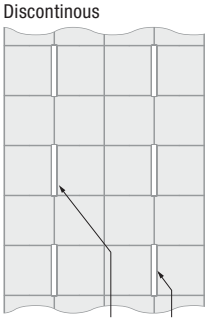
Item No.	Description	Route Spacing
Interlude® XL® HRC 9/16" Suspension System		
6126HRC_ _	10' HD Main Beam	6" O.C.
6125HRC_ _	8' HD Main Beam	6" O.C.
6124HRC_ _	6' HD Main Beam	6" O.C.
XL6189HRC_ _	8' Cross Tee	24", 46", 48", 50", 72"
XL6149HRC_ _	4' Cross Tee	22", 24", 26"
XL6147HRC_ _	46" Cross Tee	22"
XL6144HRC_ _	44" Cross Tee	22"
XL6128HRC_ _	28" Cross Tee	
XL6122HRC_ _	22" Cross Tee	
GA6199HRC_ _	1' Main Beam to Cross Tee Adapter	
Suprafine XL 9/16" Suspension System		
7526_ _	10' HD Main Beam	6" O.C.
7525_ _	8' HD Main Beam	6" O.C.
7524_ _	6' HD Main Beam	6" O.C.
XL7589_ _	8' Cross Tee	24", 46", 48", 50", 72"
XL7543_ _	4' Cross Tee	22", 24", 26"
XL7547_ _	46" Cross Tee	22"
XL7544_ _	44" Cross Tee	22"
XL7522_ _	22" Cross Tee	
7599_ _	1' Main Beam to Cross Tee Adapter	

Continuous



4" opening for linear light fixture placement

Discontinous



4" opening for linear light fixture placement

SUSPENSION SYSTEMS, TRIM & DRYWALL GRID

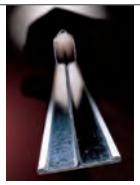
System Selector

Product information listed in this chart pertains to general product families, and may not apply to each product item. Before specifying or purchasing products, consult product details on our web site: www.armstrong.com/ceilings or call TechLine at 1 877 ARMSTRONG.

Improved suspension systems that perform better, carry increased ceiling load, and reduce installation hassles are the result of innovative features like PeakForm® profile and SuperLock™2 main beam clip. PeakForm main beams and cross tees are manufactured with a patented bulb shape and taller profile to create a stronger, more stable suspension system that will get the job done better. Main beams have an improved load-carrying capacity that exceeds ASTM standards for intermediate and heavy-duty load performance. The PeakForm profile also meets the requirements for installation in all seismic categories, so you can specify it anywhere a 9/16" or 15/16" heavy-duty suspension system is desired.

Main beams also feature SuperLock2 – a staked-on clip for a tighter, more secure bulb-to-bulb connection. Main beams with the SuperLock clip can be disconnected and reconnected laterally in low-clearance areas, or in the middle of a room.

Wherever you see the PeakForm icon, you can get the benefits of the PeakForm profile.





PeakForm

armstrong.com/peakform



Dimensional Tee Systems

INTERLUDE® XL®, SONATA®



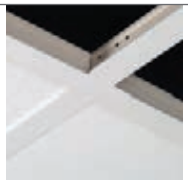
Slotted Tee Systems

SILHOUETTE® XL®, TRIMLOK®

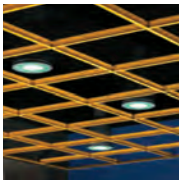


Exposed Tee Systems

PRELUDE® XL, PRELUDE® XL Max™, PRELUDE ML, SUPRAFINE® XL, SUPRAFINE ML, SINGLESPAN™



CLEAN ROOM™ Systems



360° PAINTED Grid Suspension System



AXIOM® Building Perimeter System



AXIOM Classic



AXIOM® Knife Edge®



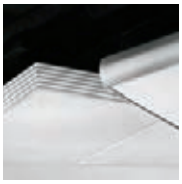
AXIOM for Drywall



AXIOM Paired



AXIOM® Profiled



AXIOM® Soft Edge



AXIOM® Transitions



AXIOM® Vector®



DRYWALL Grid System



DC FlexZone™

SUSPENSION SYSTEMS – GENERAL APPLICATIONS

INTERLUDE® XL® HRC 9/16"	(Pg. 274)
PRELUDE® Concealed 15/16"	(Pg. 275)
PRELUDE ML 15/16"	(Pg. 276)
PRELUDE XL 15/16"	(Pgs. 279-280)
PRELUDE® XL® Fire Guard™ 15/16"	(Pgs. 279-280)
PRELUDE XL HRC 15/16"	(Pgs. 279-280)
SILHOUETTE® XL 9/16"	(Pgs. 283-284)
SONATA® 9/16"	(Pg. 289)
SUPRAFINE® ML 9/16"	(Pgs. 287-288)
SUPRAFINE XL 9/16"	(Pgs. 287-288)
SUPRAFINE XL Fire Guard 9/16"	(Pgs. 287-288)
SUPRAFINE XL HRC 9/16"	(Pgs. 287-288)
TRIMLOK® 9/16"	(Pg. 290)

SUSPENSION SYSTEMS – SPECIAL APPLICATIONS

360° PAINTED Grid Suspension System	(Pgs. 271-272)
CLEAN ROOM™ Co-Extruded Aluminum 15/16", 1-1/2"	(Pg. 273)
CLEAN ROOM Co-Extruded Steel 15/16"	(Pg. 273)
DC FlexZone	(Pgs. 265-270)
PRELUDE® XL Max™	(Pgs. 281-282)
PRELUDE PLUS XL Aluminum 15/16"	(Pg. 277)
PRELUDE PLUS XL Fire Guard 15/16"	(Pg. 277)
PRELUDE PLUS XL Stainless Steel 15/16"	(Pg. 277)
PRELUDE XL for Exterior Applications 15/16"	(Pg. 278)
SINGLESPAN™ Acoustical Corridor Suspension System	(Pgs. 285-286)

AXIOM TRIM

– Building Perimeter System	(Pgs. 303-308)
– Classic	(Pgs. 309-310)
– One Piece for Drywall	(Pg. 311)
new – Glazing Channel	(Pg. 312)
– Interlude	(Pg. 313)
– Knife Edge®	(Pg. 314)
new – Light Coves	(Pg. 315)
– Moldings and Column Rings	(Pg. 321)
– Paired	(Pg. 316)
– Profiled	(Pg. 317)
– Soft Edge	(Pg. 318)
– Transitions	(Pg. 319)
– Vector®	(Pg. 320)

DRYWALL SYSTEMS

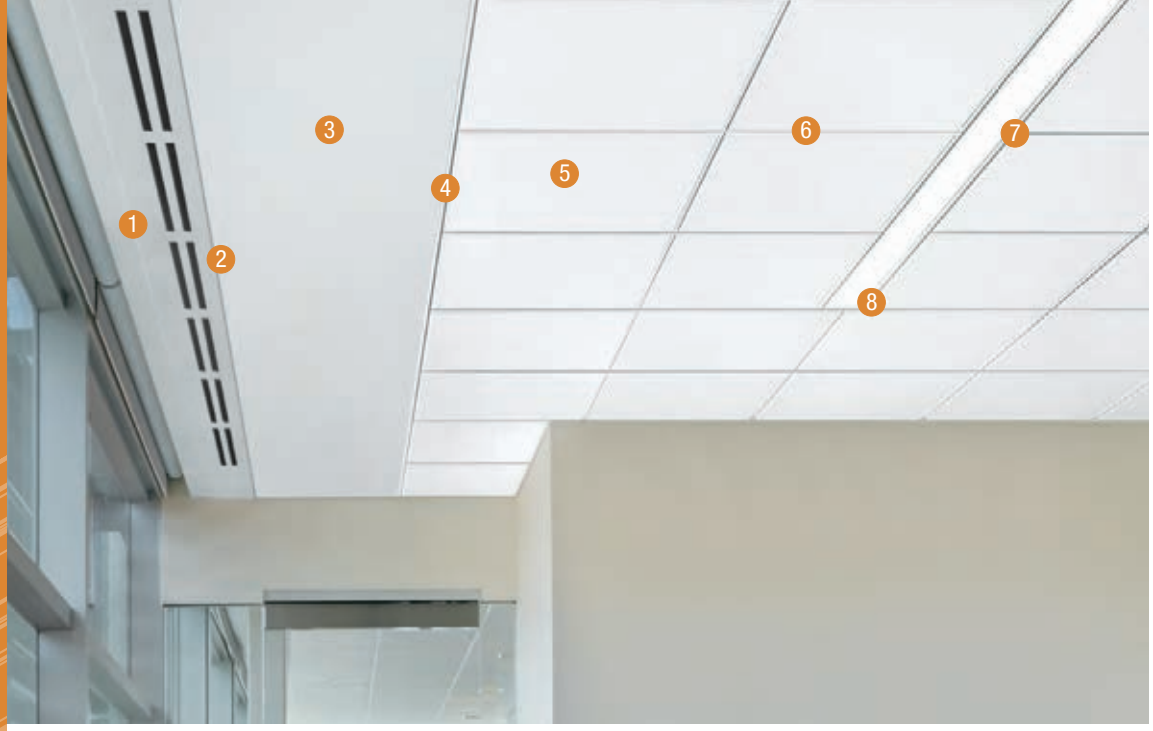
DRYWALL Grid Systems – Flat	(Pgs. 324-325)
DRYWALL Grid Systems – Curved	(Pg. 326)
QUIKSTIX™ Drywall Ceiling Systems	(Pg. 327)
QUIKSTIX Soffits	(Pg. 328)
SHORTSPAN® Drywall Framing System	(Pgs. 329-330)

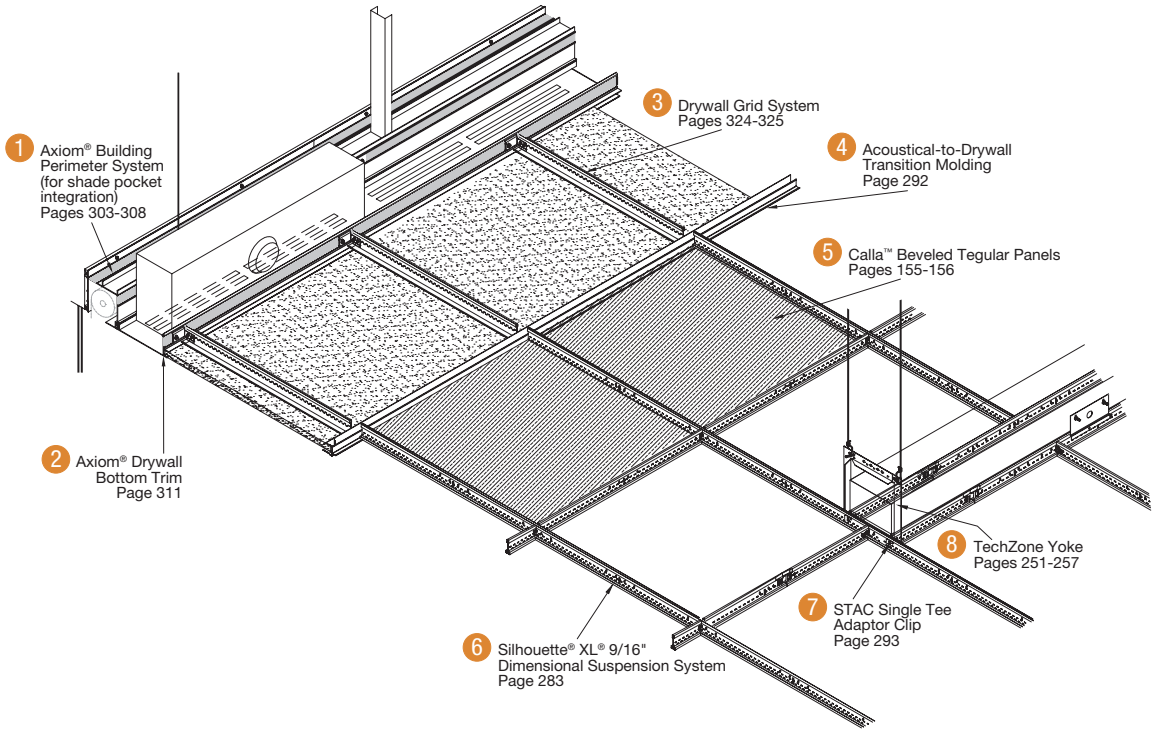
Selecting the appropriate suspension system may require an evaluation of additional factors, such as local building codes and requirements affecting seismic and UL properties. Armstrong recognizes that different projects are governed by different key criteria, including visual. So we've organized the Suspension System Overview Selector to provide an outline of potential key criteria, to help you easily choose the system that's best for your application.

VISUAL CRITERIA													PERFORMANCE CRITERIA											SPECIAL APPLICATION										
Face Profile							Colors						Material				Load			Durability														
Concealed	9/16"	15/16"	1-1/2"	Dimensional Tee	Slotted Tee	Limited Upward Access	Black Reveal	Standard Colors	Metallic Finish	Aluminum Finish	White	Custom Colors	Hot-Dipped Galvanized Steel	Stainless Steel	Aluminum	Co-extruded	Heavy-Duty	Intermediate-Duty	Light-Duty	Humidity/Corrosion Resistance	Chemical/Corrosion Resistance	Fire Resistance**	Seismic Rx Suspension System*	Clean Rooms/Data Centers	Congested Plenums	Data Centers	Locker Rooms/Shower Rooms	Laboratories	High Humidity/Unconditioned Spaces	Exterior Applications - Wind Uplift	Non-magnetic Areas	Swimming Pools	10-Year Availability	Non-standard Configurations
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* Not all components can be used in all seismic categories.
** Not all systems for use in all UL designs.
*** 360º finish available as special order.

† 1/4" reveal only.
†† Hanger wires at 36" on center will provide load capacity of 13.47 lbs/LF.
††† G90 components only.





A Complete Offering of Integrated Ceiling System Solutions

From one end of the building to the other, these tested integrated ceiling systems are designed to be easy to specify and build. In addition, they provide enhanced safety, performance and aesthetics – from integration of lighting, shade pockets, and air diffusers – to elevation changes and acoustical and drywall suspension system options.

suspension systems



Prelude® XL® 360° Painted suspension system with Axiom® Classic 6" curved trim in custom colors; Wichita State University Rhatigan Student Center, Wichita, KS
Howard + Helmer Architecture, Wichita, KS



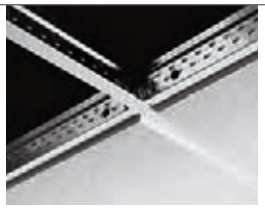
SUSPENSION SYSTEMS
At-a-Glance

STANDARD SUSPENSION SYSTEMS



Concealed Suspension System
PRELUDE®

pg. 275



Exposed Tee Suspension Systems
PRELUDE® XL®, PRELUDE® ML, SUPRAFINE® XL, SUPRAFINE® ML, PRELUDE XL HRC & SUPRAFINE® XL HRC

pgs. 279-280, 276, 287-288



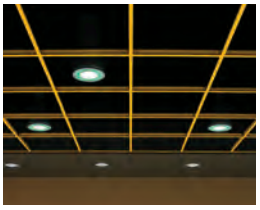
Dimensional Tee Suspension Systems
INTERLUDE® XL, SONATA®

pgs. 274, 289



Slotted Tee Suspension Systems
SILHOUETTE®, TRIMLOK®

pgs. 283-284, 290



360° PAINTED Grid System

pgs. 271-272

Look for the FastSize™ Suspension Systems Icon for made-to-order Prelude® XL®, Silhouette®, and Suprafine suspension systems.

The sizes you want… factory finished… with the route holes you need… one carton minimums… shipped fast! See "Item No." column on product pages for size availability.

- Factory finished
- Size flexibility from:
  36" – 144" for main beams; 6" – 144" for cross tees
- Fast lead time:
  2 weeks for suspensions systems
  24-hour quotes
  24-hour ship confirmation

ICON KEY

Icons are used throughout the catalog to help you quickly identify key product attributes.

Fire Resistance
Available in fire-resistive options (Fire Guard™); tested in specific UL floor/ceiling or roof/ceiling construction design assemblies.

Humidity/Corrosion Resistance

HumiGuard® Plus
Recommended for areas subject to high humidity, up to standing water.

HumiGuard Max
Maximum humidity resistance.

Chemical/Corrosion Resistance

Seismic Rx® Suspension System
Category D, E & F

Color Availability
Available in color.

PeakForm®
Peaked roof top bulb increases strength for improved performance.

SPECIAL APPLICATIONS SUSPENSION SYSTEMS



Environmental Tee Suspension Systems
PRELUDE® PLUS XL® Aluminum, PRELUDE® PLUS XL Stainless Steel, PRELUDE® PLUS XL Fire Guard™ PRELUDE® XL for Exterior Applications

pgs. 277-278



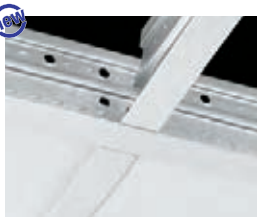
CLEAN ROOM™ Suspension Systems

pg. 273



SINGLESPAN™ Acoustical Corridor Suspension System

pgs. 285-286



PRELUDE® XL Max™ for Data Centers

pgs. 281-282



DC FlexZone™ Suspension Systems
SILHOUETTE® XL®, SUPRAFINE XL

pgs. 265-270

COLORS
Due to printing limitations, shade may vary from actual product.

NOTE: Suspension system colors to coordinate with MetalWorks™ Tin, Tincraft™ Faux Finishes, and custom-painted panels are "S" Service items and available upon request.

Standard
White (WH)
Cream (CR)
Haze (HA)
Adobe (AD)
Platinum (PL)
Tech Black (BL)
Stainless Steel (SS)
Silver Grey (SG)
Gun Metal Grey (MY)
Silver Satin (SA)

Premium
Camel (CM)
White Aluminum (WA)††
Natural Aluminum (NA)††
Copper (CP)
Silver (SL)

Powder Coated
Blizzard White (ZW)

NOTE: Blizzard White finish is also available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

RAL & Custom Colors Available

†† Capping only

RAL is a registered trademark of RAL gGmbH

Armstrong®

SEISMIC PERFORMANCE

This Icon identifies Armstrong Seismic Rx Suspension System

DEF

ARMSTRONG® SEISMIC RX® SUSPENSION SYSTEM SAVES TIME AND MONEY

Armstrong offers an ICC-ES evaluated approach to installations (ESR-1308). The **Armstrong® Seismic Rx Suspension System** offers a labor- and cost-saving method of meeting seismic code without risk of delaying your construction schedule.

IBC Category C:

- Easier to square the system by attaching to adjoining walls
- Tighter, more secure installation
- Eliminate stabilizer bars

IBC Category D, E, F:

- Reduce material costs by using 7/8" molding
- Eliminate stabilizer bars
- Eliminate undesired visual 2" wall molding

ICC-ES Recognizes the Armstrong Seismic Rx Suspension System as a Code Compliant Solution.

The independent and expert evaluation and confirmation by ICC-ES provide the code official with proven evidence supporting the Armstrong Seismic Rx Suspension System as a code-compliant alternative design to current IBC requirements.

The performance of the **Armstrong Seismic Rx Suspension System** is based on a specific combination of Armstrong components and method of installation. **Other manufacturers' components and installation methods were not tested and are not covered in this evaluation. Substitution of other components puts the system at risk and is not allowed by this ESR report.**

CATEGORY INSTALLATION REQUIREMENTS

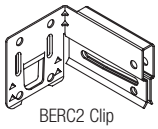
A, B	Ceiling installation should conform to basic minimums established in ASTM C636.
C	To be installed to ASTM E580 recommendations for areas subject to light-to-moderate seismic activity.
D, E, F	Category D, E, and F are to be installed to ASTM E580 and IBC recommendations for areas subject to severe seismic activity.

See armstrong.com/seismic for more on seismic performance.

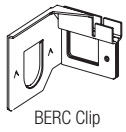
ALTERNATIVE INSTALLATION – CATEGORY C

IBC Requirements	Armstrong Seismic Rx Solution	Solution Benefits
• Minimum 2" wall molding	• Minimum 7/8" wall molding	• Meets code requirements
• Suspension system must not be attached to the wall molding	• Suspension system may be cut tight and screw attached on two adjoining walls	• Easy to square up the system • Faster, tighter suspension system installation
• Minimum 3/8" clearance on all sides • Minimum 3/8" overlap of suspension system on the wall molding	• Minimum 3/8" clearance on two unattached walls	• Better overall visual
• Ends of main beams and cross tees must be tied together to prevent spreading	• BERC2 or BERC on all main beams	• Eliminates stabilizer bars • Lower cost solution • Better access to the plenum
• Perimeter wires are not needed • Intermediate-duty suspension system	• Perimeter wires are not needed • Intermediate-duty suspension system	• Meets code requirements

NOTE: Requirements for essential use facilities may be different. Contact TechLine for details.



BERC2 Clip

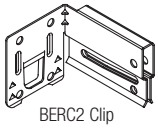


BERC Clip

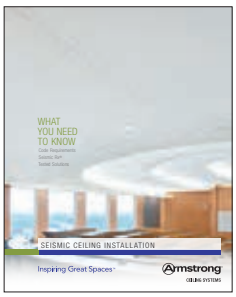
ALTERNATIVE INSTALLATION – CATEGORY D, E, F

IBC Requirements	Armstrong Seismic Rx Solution	Solution Benefits
• Minimum 2" wall molding	• Minimum 7/8" wall molding	• Meets code requirements
• Suspension system must be attached to two adjacent walls (Pop rivets acceptable)	• Suspension system must be attached on install with screw in slot on two adjacent walls – opposite walls require BERC2 with 3/4" clearance (Eliminates the need for pop rivets through the visible part of the wall molding)[1]	• Eliminates installation and aesthetic problems associated with 2" wall molding
• Opposite walls must have a 3/4" clearance	• BERC2 clip with 3/4" clearance on unattached ends	• BERC2 eliminates visible pop rivets through the wall angle
• Stabilizer bars to prevent the spread of main beams and cross tees • Perimeter support wires	• BERC2 maintains main beam and cross tee spacing; no other components required[1] • Perimeter wires are required	• Eliminates stabilizer bars • Lower cost solution • Better access to the plenum
• Heavy-duty suspension system	• Heavy-duty systems as identified in ICC-ESR-1308 (refer to Suspension Systems)	• Meets code requirement

[1] Pop rivets optional on attached walls



BERC2 Clip



For more information on seismic installations, see pages 372-373.

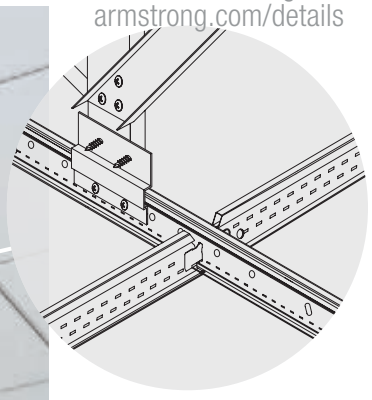
BPCS-4141 Seismic Installations and Armstrong Ceiling Systems

DC FLEXZONE™

Suspension System

CAD/Revit® drawings at:
armstrong.com/details





DC FlexZone™ Silhouette® 9/16" suspension system with Focal Point® light fixtures



See more photos at:
armstrong.com/photogallery
SEARCH: techzone

This "power distribution platform" distributes safe, low-voltage DC current through a ceiling suspension system.

KEY SELECTION ATTRIBUTES

- Can be an integral part of a net zero energy-building strategy providing more efficient lighting and direct use of on-site renewable energy
- Provides plug-and-play flexibility throughout the building
- Main beams only with integrated electrical conductors are capable of distributing power to electrical devices
- UL Listed and EMerge Alliance® Registered for use in 24VDC power distribution systems
- Installed acoustically as part of the overall ceiling system, with electrical connections to suspension system made by qualified electricians
- High recycled content, galvanized steel for durability, and sustainable design
- Seismic performance with heavy-duty load rating meets the most stringent codes

DC Silhouette®

- DC circuits available on top bulb and in slot reveal
- Integrates with standard cross tees, moldings, and accessories for Silhouette 1/4" Reveal suspension system
- Crisp reveal installs virtually flush with Tegular ceiling panel surface for monolithic appearance

DC Suprafine®

- Single DC circuit available on top bulb only
- Integrates with standard cross tees, moldings, and accessories for Suprafine and Suprafine HRC suspension systems
- Exposed Tee design combines superior durability and stability with a narrow suspension system face for a refined appearance

TYPICAL APPLICATIONS

- All commercial applications

DC FLEXZONE™

Suspension System

SYSTEM COMPONENTS

DC FlexZone Suspension System

- DC FlexZone Suspension System is a “Power Distribution Platform”
- Each main beam becomes its own electrical circuit – 24VDC, 100 Watts, “Safe to Touch”, Class 2
- Powered main beam: Suprafine® suspension system has 1 circuit
  Silhouette® suspension system has 2 circuits
- Only the main beams receive power, all other ceiling and suspension components are standard
- DC FlexZone Suspension System is installed like any other acoustical ceiling, electricians simply “wire up” the grid instead of every light fixture
- At least 2.0 watts/SF of power is delivered through the ceiling, more than enough for lighting and other plenum-based electrical devices like sensors

Power Supply

- A power supply connects to the building’s AC power and converts it to 24 Volt direct current (DC)
- Optional for the power supply to be directly connected to a renewable on-site source, like solar

Power Cables

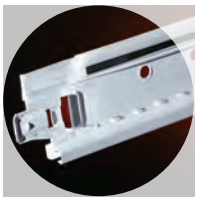
- Power cables bring power from the power supply to the DC FlexZone Suspension System via special connector slots on the grid
- Each main beam receives power so it’s available wherever you need it

Devices

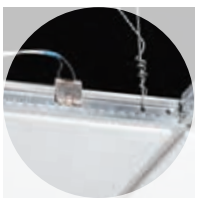
- Device cables bring power from the DC FlexZone Suspension System to devices anywhere along the main beam – just “plug and play”
- Compatible fixtures from lighting companies include:
  - Recessed 24" x 24" and 24" x 48", Pendant and Downlight fixtures
  - Compact Fluorescent, Fluorescent and LED lighting technology

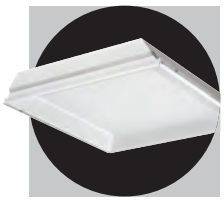
Controls

- Standard off-the-shelf controls can be used that are separate from this plug-and-play DC power infrastructure
- Typically 0-10v control circuits will be used for relays and low voltage switches
- DC FlexZone compatible wireless control solutions are also available











SYSTEM/COMPONENT RELATIONSHIPS

EMerge Alliance® Registered & Related Product Categories (for Building Applications of EMerge 24VDC Occupied Space Standard)	**Specified by Elect. Engineer/Lighting Designer** (Div 16/26)	**Purchased by Electrical Contractor**	**Installed by Electrical Contractor**	**Specified by Architect/ Interior Designer** (Div 9)	**Purchased by Acoustical Contractor**	**Installed by Acoustical Contractor**
9/16" Ceiling Suspension System (Armstrong DC FlexZone – Suprafine Exposed Tee or Silhouette 1/4" Slot Reveal)				•	•	•
Acoustical Ceiling Tile (i.e., Armstrong Ultima® 1912HRC)				•	•	•
AC-DC Power Supplies, DC-DC Power Supplies	•	•	•			
Power Feed Cables	•	•	•			
24VDC Lighting Fixtures LED or Fluorescent with Connectors and/or Load Device Cable Assemblies	•	•	•			
24VDC Ballasts or Drivers for Lighting Fixtures	•	•	•			
Controls (Wireless or Wired)	•	•	•			

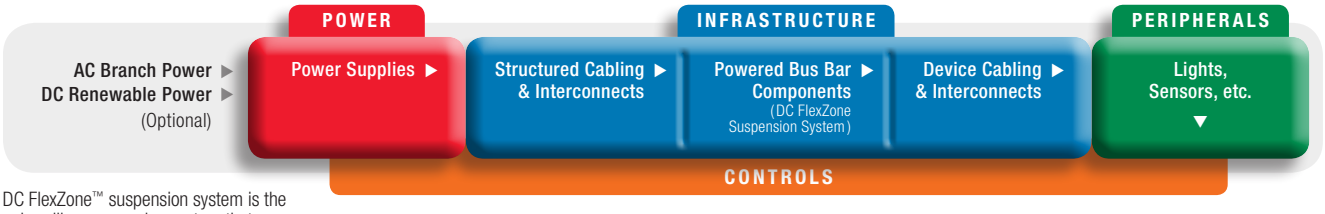
DC FLEXZONE™
Suspension System

COMPATIBLE PARTNERS





EMerge™ ALLIANCE REGISTERED



DC FlexZone™ suspension system is the only ceiling suspension system that provides an infrastructure for the delivery of low voltage direct current (DC) power based on the EMerge Alliance® 24VDC Occupied Space Standard.

DC FlexZone Ceiling Suspension Systems are designed for use with compatible power, infrastructure, lighting, and control products. Compatible products are available from other members of the EMerge Alliance, several of whom are called out below as "DC FlexZone Compatible Partners."

DC FLEXZONE Compatible Partners

POWER	INFRASTRUCTURE	PERIPHERALS	CONTROLS
Nextek Power Systems	TE Connectivity	Acuity Brands	Acuity Brands
ROAL		Cooper Lighting	Crestron Electronics
		Focal Point	Encelium
		JLC tech	Ideal
		Osram Sylvania	
		Philips Day-Brite	
		Philips Lightolier	

DC FlexZone Compatible Lighting Partners

AcuityBrands. *Expanding the boundaries of lighting™*

Lithonia Lighting®
AC Series LED – 2' x 2', 2' x 4'
T Series LED – 2' x 2', 2' x 4'
RT Series LED – 2' x 2', 2' x 4'
VT Series LED – 2' x 2', 2' x 4'
AL Series LED – 2' x 2', 2' x 4'
Shadow Box Square Series LED – 2' x 2', 2' x 4'
DOM™ Downlight

Gotham®
EVO® Downlight

Peerless®
Mino Luminaire

COOPER Lighting

Recessed Flourescent
Metalux® Accord™ – 2' x 2', 2' x 4'
Metalux Ovation™ – 2' x 2', 2' x 4'
Neoray™ Fenestra – 272 / 274
Neoray Luminous HE 282/284

FOCAL POINT

Recessed Flourescent
Aerion™ – 2' x 2', 2' x 4'
Equation™ – 2' x 2', 2' x 4'
Luna® – 2' x 2', 2' x 4'

Pendant Flourescent
Verve™ IV – Pendant

JLC • tech

LED
T-BAR LED Smartlight™ – 2' and 4'

OSRAM SYLVANIA

Recessed LED
RLC22 - 2' x 2'
RLS22 - 2' x 2'

PHILIPS Day-Brite

Recessed Flourescent
SofTrace - 2' x 2'
Attune - 2' x 4'

PHILIPS LIGHTOLIER

Flourescent Downlight
Calculite® 6" Downlight

DC FlexZone Compatible Power Partners

ROAL living energy
4 Channel Safe Energy Server

NEXTEK Power Systems
16 Channel Power Supply Module

DC FlexZone Compatible Cable Partners

TE connectivity
5, 10, 15, 20, 25, 30 Foot Power Feed Cables

AcuityBrands. *Expanding the boundaries of lighting™*

CRESTRON

ENCELIUM

IDEAL

All product names are trademarks, registered trademarks, or service marks of their respective owners.
Revit® is a registered trademark of Autodesk, Inc.

Armstrong®

DC FLEXZONE™

Available for Silhouette® & Suprafine® Suspension Systems

ELECTRICAL DATA

- After DC FlexZone main beams have been installed as part of an acoustical ceiling suspension system, qualified electricians make all electrical connections to the suspension system main beams.
- Each DC FlexZone main beam is designed to mate with EMerge Alliance® Registered power distribution cable assemblies at designated locations along the length of each main beam.
- Each DC FlexZone main beam is considered a Class 2 circuit when electrically connected.
- DC FlexZone main beams are intended to deliver 24 Volt Direct Current (DC) power to one or more electrical devices equipped with EMerge compliant connectors that are flexibly connected to the suspension system.

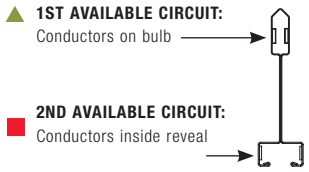
EMerge™ ALLIANCE REGISTERED

Electrical Capacity: 24 Volt DC, 4.1 Amps, 100 Watts on each Class 2 circuit (i.e., top bulb & bottom box)

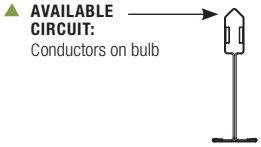
Electrical Code Compliance: NEC Class 2, UL 2577 Listed, EMerge Alliance Registered

Wiring: 12 AWG copper solid flat conductor, tin finish

WARNING: DC FLEXZONE MAIN BEAMS ARE NOT INTENDED FOR USE WITH AC LINE VOLTAGE.



DC FlexZone™ Silhouette® main beams contain electrical conductors along the top "bulb" and within the bottom "reveal" of the suspension system bus bar, providing capability for two separate Class 2 circuits on each main beam.

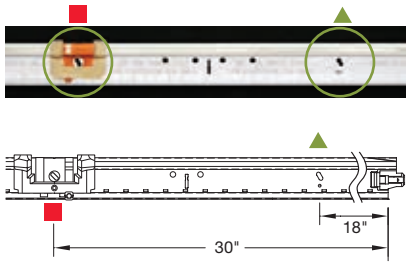


DC FlexZone™ Suprafine® main beams contain electrical conductors along the top "bulb" of the suspension system bus bar, providing capability for one Class 2 circuit on each main beam.

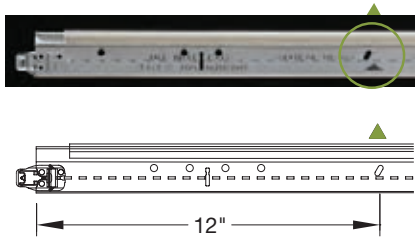
IMPORTANT – ELECTRICAL CONNECTIONS

24 Volt DC Class 2 power shall be connected in a predesignated factory power key slot on the DC FlexZone™ Silhouette main beam. The two available circuits on DC FlexZone™ Silhouette main beams are located 18" from each end* for power to the top "bulb" and 30" from each end* for power to the bottom "reveal." The one available circuit on DC FlexZone™ Suprafine main beams is located on the top of the "bulb" 12" from each end.

NOTE: Power slots are available on one end only on 6' DC main beams.



DC FlexZone™ Silhouette



DC FlexZone™ Suprafine

DC FLEXZONE CEILING SYSTEM PARTNERS

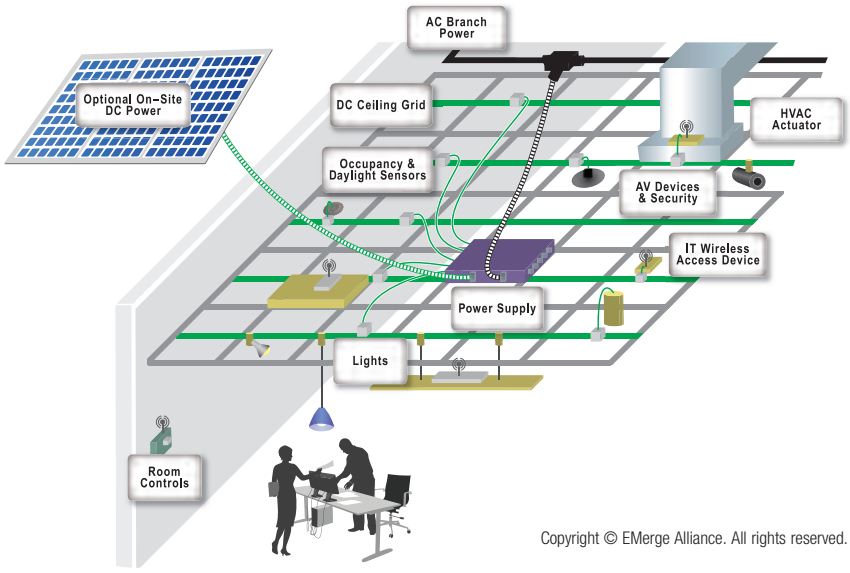
DC FlexZone Ceiling Suspension Systems are designed for use with compatible power, infrastructure, lighting, and controls products available from DC FlexZone Compatible Partners.

These companies are also members of the EMerge Alliance® and have a variety of EMerge Alliance Registered products that can be specified as part of the power distribution, lighting, and electrical systems.

Please visit **armstrong.com/dcflexzone** for a list of our partners and links to their compatible products.

CAD drawings and application guides are also available online showing various configurations of typical ceiling and electrical layouts.

Please visit **emergealliance.org** for more information on EMerge Alliance Registered products and DC power distribution standards for buildings.



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UP TO 54% MAIN BEAMS 61% BORDER MAIN BEAMS 52% CROSS TEES RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. | biobased materials | recycled* content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

DC FLEXZONE™

Suprafine® 9/16" Suspension System
exposed tee system

VISUAL SELECTION

PERFORMANCE SELECTION Dots represent high level of performance.

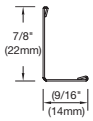
Grid Face	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	Hanger Spacing* Lbs./Lin. Ft. 5 Ft.	Seismic Category DEF	Total Recycled Content	Total Post-consumer Content	PCS/ Ctn.	LFT/ Ctn.
DC Main Beams										
9/16"	**DC750106**	6' HD Main Beam, Routes 12" OC, First Route 6" from end	72 x 9/16 x 1-11/16"	16.83	8.69	•	54%	45%	10	60
9/16"	**DC750108**	8' HD Main Beam, Routes 12" OC, First Route 6" from end	96 x 9/16 x 1-11/16"	16.83	8.69	•	54%	45%	10	80
9/16"	**DC750110**	10' HD Main Beam, Routes 12" OC, First Route 6" from end	120 x 9/16 x 1-11/16"	16.83	8.69	•	54%	45%	10	100
9/16"	**DC750112**	12' HD Main Beam, Routes 12" OC, First Route 6" from end	144 x 9/16 x 1-11/16"	16.83	8.69	•	54%	45%	10	120
Non-powered Border Main Beams										
9/16"	**750106**	6' HD Border Main Beam, Routes 12" OC, First Route 6" from end	72 x 9/16 x 1-11/16"	16.83	8.69	•	61%	50%	20	120
Accessories										
	DCINS	Insulator Cap	2"						100	
	BACG90A	Brace Attachment Clip							250	
	UPC	Universal Partition Clip							200	

* Simple Span

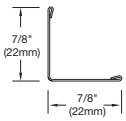
INSTALLATION CONSIDERATIONS

- Important: Route holes on the DC FlexZone™ Suprafine® main beams are 6" from each end and 12" on center, which is different than standard (non-DC FlexZone) Suprafine main beams.
- DC FlexZone™ main beams shall not be field-cut.
- Non-powered Border Main Beams (item 750106) shall be used and field-cut at perimeters.
- Four different lengths of DC main beams are available to accommodate design.
- Reflected ceiling plans should indicate orientation, location, and length of DC powered main beams and field-cut border main beams. Installers should follow the RCP.
- Do not use predesignated factory power key slots for hanger wire.
- Use Insulator Caps (item DCINS) over any clips that touch the integrated conductors.
- Do not screw through the bulb of a DC main beam.
- Use Brace Attachment Clips (Item BACG90A) for any screw attachments for seismic applications and bracing.
- Use Partition Clips (UPC) screwed to the web of the suspension system for any attachments to the underside of the suspension system.

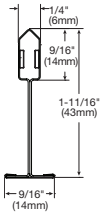
DETAILS AND SUSPENSION SYSTEM INTERSECTION



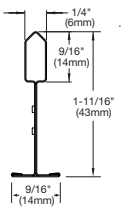
9/16" Hemmed Angle Molding (7804HRC)



7/8" Hemmed Angle Molding (7800HRC)**

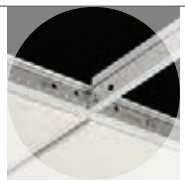


DC FLEXZONE SUPRAFINE Main Beam



SUPRAFINE Cross Tee

** For seismic zones, use 7800HRC with BERC2 clip

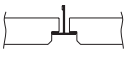


CREATING SUSTAINABLE CEILING SYSTEMS

Maximize your sustainable ceiling system by combining the DC FlexZone Suprafine main beams with Suprafine HRC cross tees and molding, as well as the following sustainable ceiling panels:

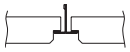
CLOSED LOOP RECYCLED CONTENT CEILING-2-CEILING

ULTIMA® Ceiling-2-Ceiling™	Dimensions
1912HRC	24 x 24 x 3/4"
1915HRC	24 x 48 x 3/4"



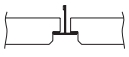
Suprafine 9/16"

CIRRUS® Ceiling-2-Ceiling™	Dimensions
589HRC	24 x 24 x 3/4"
539HRC	24 x 48 x 3/4"



Suprafine 9/16"

DUNE™ Ceiling-2-Ceiling™	Dimensions
1775HRC	24 x 24 x 5/8"
1777HRC	24 x 48 x 5/8"



Suprafine 9/16"

UP TO 54% MAIN BEAMS 61% BORDER MAIN BEAMS 52% CROSS TEES RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recyclable/ extended producer resp. | biobased materials | recycled* content | sourcing of raw materials | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

LOCATION DEPENDENT

DC FLEXZONE™

Silhouette 9/16" Suspension System
slotted tee system

VISUAL SELECTION

PERFORMANCE SELECTION Dots represent high level of performance.

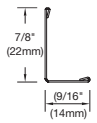
Grid Face	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	Hanger Spacing* Lbs./Lin. Ft. 5 Ft.	Seismic Category DEF	Total Recycled Content	Total Post-consumer Content	PCS/ Ctn.	LFT/ Ctn.
DC FlexZone™ Main Beams – 1/4" Reveal										
9/16"	**DC760106**	6' HD Main Beam, Routes 12" OC, Notched 24" OC	72 x 9/16 x 1-15/16 x 1/4"	16.44	8.49	•	44%	37%	10	60
9/16"	**DC760108**	8' HD Main Beam, Routes 12" OC, Notched 24" OC	96 x 9/16 x 1-15/16 x 1/4"	16.44	8.49	•	44%	37%	10	80
9/16"	**DC760110**	10' HD Main Beam, Routes 12" OC, Notched 24" OC	120 x 9/16 x 1-15/16 x 1/4"	16.44	8.49	•	44%	37%	10	100
9/16"	**DC760112**	12' HD Main Beam, Routes 12" OC, Notched 24" OC	144 x 9/16 x 1-15/16 x 1/4"	16.44	8.49	•	44%	37%	10	120
Non-powered Border Main Beams										
9/16"	**760106**	6' HD Border Main Beam, Routes 12" OC, Notched 24" OC	72 x 9/16 x 1-3/4 x 1/4"	16.44	8.49	•	61%	50%	20	120
Accessories										
	DCINS	Insulator Cap	2"						100	
	BACG90A	Brace Attachment Clip							250	
	UPC	Universal Partition Clip							200	

* Simple Span

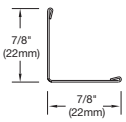
INSTALLATION CONSIDERATIONS

- DC FlexZone™ main beams shall not be field-cut.
- Non-powered Border Main Beams (Item 760106) shall be used and field-cut at perimeters.
- Four different lengths of DC main beams are available to accommodate design.
- Reflected ceiling plans should indicate orientation, location, and length of DC powered main beams and field-cut border main beams. Installers should follow the RCP.
- Do not use predesignated factory power key slots for hanger wire.
- Do not use metal bolts in slot reveal.
- Use Insulator Caps (Item DCINS) over any clips that touch the integrated conductors.
- Do not screw through the bulb of a DC main beam.
- Use Brace Attachment Clips (Item BACG90A) for any screw attachments for seismic applications and bracing.
- Use Partition Clips (UPC) screwed to the web of the suspension system for any attachments to the underside of the suspension system.

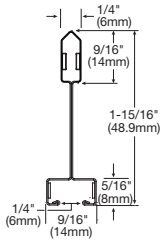
DETAILS AND SUSPENSION SYSTEM INTERSECTION



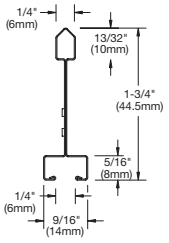
9/16" Hemmed Angle Molding (7804HRC)



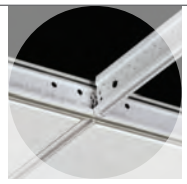
7/8" Hemmed Angle Molding (7800HRC)**



DC FLEXZONE SILHOUETTE Main Beam



SILHOUETTE Cross Tee



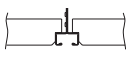
** For seismic zones, use 7800HRC with BERC2 Clip

CREATING SUSTAINABLE CEILING SYSTEMS

Maximize your sustainable ceiling system by combining the DC FlexZone Silhouette main beams with Silhouette HRC cross tees and molding, as well as the following sustainable ceiling panels:

CLOSED LOOP RECYCLED CONTENT CEILING-2-CEILING

ULTIMA® Ceiling-2-Ceiling™	Dimensions
1912HRC	24 x 24 x 3/4"
1915HRC	24 x 48 x 3/4"



Silhouette 9/16"

CIRRUS® Ceiling-2-Ceiling™	Dimensions
589HRC	24 x 24 x 3/4"
539HRC	24 x 48 x 3/4"



Silhouette 9/16"

DUNE™ Ceiling-2-Ceiling™	Dimensions
1775HRC	24 x 24 x 5/8"
1777HRC	24 x 48 x 5/8"



Silhouette 9/16"

360° PAINTED GRID
Suspension System



360° Painted Grid System RAL 1033 with Axiom® Classic Perimeter Trim (Pgs. 309-310)

cloud friendly



See more photos at:
armstrong.com/photogallery
SEARCH: 360 painted

This 15/16" or 9/16" profile suspension system is used to define open plenum spaces, or used as decorative accent on clouds and canopies.

KEY SELECTION ATTRIBUTES

- Helps to define space in an open/exposed plenum concept
- Provides a structure to hang signage or lights, and creates transitions for speakers and HVAC
- Available in Suprafine® 9/16" and Prelude® 15/16" profiles
- **PeakForm®** profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot-dipped galvanized coating inhibits red rust better than electrogalvanized or painted systems
- 2.0 mil thick powder coating on all components***
- XL® staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- 10-Year Limited Warranty
- Choice of more than 180 colors; matte and gloss finishes***

TYPICAL APPLICATIONS

- All commercial applications

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	5 Ft.	Fire Guard™	Seismic Category DEF	Lin. Ft./ Ctn.
						Dots represent high level of performance.		
360º Painted – Powder-Coated Paint – (made to order)								
Prelude® XL								
15/16"	**56418◆**	12' HD Main Beam	144 x 15/16 x 1-11/16"	16.50	8.73	–	•	240
15/16"	**56421◆**	4' Cross Tee	48 x 15/16 x 1-11/16"	10.34	–	–	–	240
15/16"	**56419◆**	2' Cross Tee	24 x 15/16 x 1-11/16"	51.83	–	–	–	120
Suprafine® XL								
9/16"	**7501◆**	12' HD Main Beam	144 x 9/16 x 1-11/16"	16.86	10.62	–	•	240
9/16"	**XL7540◆**	4' Cross Tee	48 x 9/16 x 1-11/16"	10.34	–	–	–	240
9/16"	**XL7520◆**	2' Cross Tee	24 x 9/16 x 1-11/16"	51.83	–	–	–	120
Molding								
7/8"	**7800**	12' Hemmed Angle Molding	144 x 7/8 x 7/8"	–	–	–	–	360
360º Painted – Baked Polyester Paint (clips are not painted)								
Prelude XL (only)								
15/16"	**730136****	12' HD Main Beam	144 x 15/16 x 1-11/16"	16.73	8.73	–	•	240
15/16"	**XL734036****	4' Cross Tee	48 x 15/16 x 1-11/16"	12.25	–	–	–	240
15/16"	**XL732036****	2' Cross Tee	24 x 15/16 x 1-11/16"	61.33	–	–	–	120
Molding								
7/8"	**780036****	12' Hemmed Angle Molding	144 x 7/8 x 7/8"	–	–	–	–	360

* Simple Span
** Items 730136, XL734036, XL732036, and 780036 are available in Black and White only with baked polyester paint finish.
*** Powdered-coated paint only
Baked polyester paint finish system clips are not painted on main beam or cross tee. Touch-up paint available upon request.
◆ Metric items available
For more information, see submittal BPCS-3634.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

360° PAINTED GRID

Suspension System

30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓	✓				

▲ LOCATION DEPENDENT

CUSTOM RAL COLORS

Due to printing limitations, shade may vary from actual product.

For actual color selection, request sample of specific colors.

RAL 1000 · RAL 1001* · RAL 1002 · RAL 1003 · RAL 1004 · RAL 1005 · RAL 1006 · RAL 1007* · RAL 1011 · RAL 1012 · RAL 1013* · RAL 1014 · RAL 1015*

RAL 1016 · RAL 1017 · RAL 1018 · RAL 1019* · RAL 1020 · RAL 1021* · RAL 1023 · RAL 1024 · RAL 1027 · RAL 1028 · RAL 1032 · RAL 1033 · RAL 1034

RAL 2000* · RAL 2001 · RAL 2002* · RAL 2003 · RAL 2004* · RAL 2008 · RAL 2009 · RAL 2010 · RAL 2011 · RAL 2012 · RAL 3000* · RAL 3001 · RAL 3002*

RAL 3003 · RAL 3004 · RAL 3005 · RAL 3007 · RAL 3009 · RAL 3011 · RAL 3012 · RAL 3013 · RAL 3014 · RAL 3015 · RAL 3016 · RAL 3017 · RAL 3018

RAL 3020 · RAL 3022 · RAL 3027 · RAL 3031 · RAL 4001 · RAL 4002 · RAL 4003 · RAL 4004 · RAL 4005 · RAL 4006 · RAL 4007 · RAL 4008 · RAL 4009

RAL 5000 · RAL 5001 · RAL 5002 · RAL 5003* · RAL 5004 · RAL 5005 · RAL 5007 · RAL 5008 · RAL 5009* · RAL 5010* · RAL 5011 · RAL 5012* · RAL 5013

RAL 5014 · RAL 5015* · RAL 5017 · RAL 5018 · RAL 5019 · RAL 5020 · RAL 5021 · RAL 5022 · RAL 5024 · RAL 6000 · RAL 6001 · RAL 6002 · RAL 6003

RAL 6004 · RAL 6005 · RAL 6006 · RAL 6007 · RAL 6008 · RAL 6009 · RAL 6010 · RAL 6011* · RAL 6012 · RAL 6013 · RAL 6014 · RAL 6015 · RAL 6016

RAL 6017 · RAL 6018 · RAL 6019 · RAL 6020 · RAL 6021 · RAL 6022 · RAL 6024 · RAL 6025 · RAL 6026 · RAL 6027 · RAL 6028 · RAL 6029 · RAL 6032

RAL 7000 · RAL 7001* · RAL 7002 · RAL 7003 · RAL 7004 · RAL 7005 · RAL 7006 · RAL 7008 · RAL 7009 · RAL 7010 · RAL 7011 · RAL 7012* · RAL 7013

RAL 7015 · RAL 7016* · RAL 7021* · RAL 7022 · RAL 7023 · RAL 7024 · RAL 7026 · RAL 7030* · RAL 7031* · RAL 7032* · RAL 7033 · RAL 7034 · RAL 7035*

RAL 7036 · RAL 7037 · RAL 7038* · RAL 7039 · RAL 7040* · RAL 7042 · RAL 7043 · RAL 7044* · RAL 7047 · RAL 8000 · RAL 8001 · RAL 8002 · RAL 8003

RAL 8004 · RAL 8007 · RAL 8008 · RAL 8011 · RAL 8012 · RAL 8014* · RAL 8015 · RAL 8016 · RAL 8017 · RAL 8019* · RAL 8022 · RAL 8023 · RAL 8024

RAL 8025 · RAL 8028 · RAL 9001* · RAL 9002* · RAL 9003* · RAL 9004 · RAL 9005* · RAL 9010* · RAL 9011* · RAL 9016* · RAL 9017 · RAL 9018*

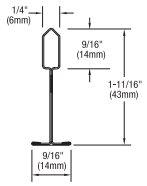
* These items are also available in matte finish as a special order.

DETAILS



Powder Coated

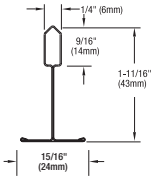
360° Painted 9/16" Cross Tee and Main Beam





Baked Polyester

360° Painted 15/16" Cross Tee and Main Beam



PHYSICAL DATA

Material
Hot dipped galvanized steel

Surface Finish
2.0 mil powder coated painted surface or baked polyester paint

Cross Tee/Main Beam Interface
Override

End Detail
Main Beam: Staked-on clip
XL® Cross Tee: Staked-on clip

Main Beams	Minimum LBS. to pull out compression/tension
56418/730136/7501	330.0

Cross Tees	Minimum LBS. to pull out compression/tension

All XL cross tees exceed 300 lbs. in compression/tension

Seismic Restraint
NOTE: Items 56418, 56421, and 56419 are the same as items 7301, XL7340, and XL8320 respectively for seismic performance. For floating installations, refer to ASCE 7-10 for seismic requirements.

ICC Reports
For areas under ICC jurisdiction, see ICC evaluation report number ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions, and possible cancellation.

Warranty
Details at armstrong.com/warranty

LEED® is a registered trademark of the US Green Building Council
RAL is a registered trademark of RAL gGmbH

30% STEEL 50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD ✓; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

CLEAN ROOM™ Steel/Aluminum

15/16" and 1-1/2" Exposed Tee System

This suspension system with integral gasket is designed specifically for clean rooms, food processing areas, and data centers

KEY SELECTION ATTRIBUTES

- Suitable for use in Class 5 (Class 100 clean rooms as defined by ISO Standard 14644-1 (Federal Standard 209E) when used with Clean Room FL, Clean Room VL, Health Zone™ Ultima®, and Health Zone Optima®
- Seismic Rx® Suspension System saves time and money; ICC-ES approach to installations (ESR-1308)
- Unique, integral gasket for better seal between panel and grid
- Integral main beam splice for easy connections and module control
- XL staked-on end detail provides secure locked connection
- Rotary-stitched for additional torsion strength and installation
- 10-year limited warranty; 30-year with **HumiGuard® Plus**

TYPICAL APPLICATIONS

- Laboratories
- Pharmaceutical facilities
- Automotive and aerospace
- Computer rooms
- Hospitals
- Food processing facilities
- High-tech manufacturing
- Data Centers
- MRI suites (co-extruded aluminum only)

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 2 Ft.	4 Ft.	5 Ft.	Fire Guard™	Seismic Category DEF	Pcs./ Ctn.	Lin. Ft./ Ctn.
Clean Room Co-Extruded Steel (Gasketed)								Dots represent high level of performance.			
new 15/16"	**ES7901**	12' HD Main Beam	12" O.C.	144 x 15/16 x 1-11/16"	–	18.33	–	–	•	20	240
new 15/16"	**ES7940**	4' Cross Tee	24" O.C.	48 x 15/16 x 1-11/16"	–	16.83	–	–	–	60	240
new 15/16"	**ES7920**	2' Cross Tee	–	24 x 15/16 x 1-11/16"	60.83	–	–	–	–	60	240
new 15/16"		**Other Sizes** Main beams L: 36" – 144" / Cross tees L: 6" – 144" / Route spacing 3" from ends, 6" thereafter								Varies	Varies
	ES7801	12' Hemmed Angle Molding		144 x 15/16 x 15/16"						30	360
Clean Room Co-Extruded Aluminum (Gasketed)											
new 15/16"	**EA7900**	12' ID Main Beam	12" O.C.	144 x 15/16 x 2"	–	12.25	–	–	–	20	240
new 15/16"	**EA7940**	4' Cross Tee	24" O.C.	48 x 15/16 x 2"	–	15.32	–	–	–	60	240
new 15/16"	**EA7920**	2' Cross Tee	–	24 x 15/16 x 2"	66.62	–	–	–	–	60	120
15/16"		**Other Sizes** Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 3" from ends, 6" thereafter								Varies	Varies
new	**EA7812**	12' Hemmed Angle Molding		144 x 15/16 x 15/16"						30	360
1-1/2 Clean Room Co-Extruded Aluminum (Gasketed)											
1-1/2"	**EA7903**	12' HD Main Beam	12" O.C.	144 x 1-1/2 x 2"	–	16.7	8.4	–	•	12	144
1-1/2"	**EA7947**	4' Cross Tee	24" O.C.	48 x 1-1/2 x 2"	–	17.66	–	–	–	36	144
1-1/2"	**EA7927**	2' Cross Tee	–	24 x 1-1/2 x 2"	60.55	–	–	–	–	36	72
new	**EA7813**	12' Hemmed Angle Molding		144 x 15/16 x 15/16"						30	360
Accessories (For additional accessories see pgs. 293-294.)											
–	**CHDC**	Clear Hold Down Clip	–	–	–	–	–	–	–	50	–
–	**XTAC**	Cross Tee Adapter Clip	–	–	–	–	–	–	–	100	–
–	**BERC2**	Steel Beam End Retaining Clip	–	–	–	–	–	–	–	200	–
–	**ALBERC2**	Aluminum Beam End Retaining Clip	–	–	–	–	–	–	–	200	–

*Simple Span

COLOR

White (WH)

LIGHT FIXTURES

NOTE: Specify light fixtures designed to install with 2" web height suspension systems. Compatible light fixtures:

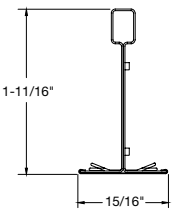
Compatible Light Fixtures:

MANUFACTURER	ITEM #
Lithonia	CLRM-150 SRT-2x4_F MP4270
Guth	KLEENSEAL KRT 200
Morlite	CRGHEPA24 Series

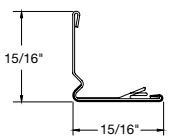
DETAILS

For more information, see submittal BPCS-3070 (Aluminum) or BPCS-4121 (Steel).

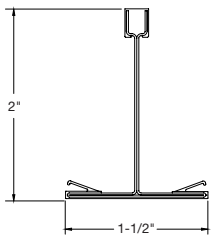
15/16" Main Beam and Cross Tee



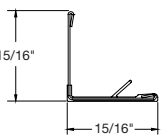
Clean Room Angle Molding for use with 15/16" Clean Room Suspension System



1-1/2" Aluminum Main Beam and Cross Tee



Clean Room Angle Molding for use with 1-1/2" Clean Room Suspension System





LEED® is a registered trademark of the US Green Building Council

Armstrong®

INTERLUDE® XL®
High Recycled Content
9/16" Dimensional Tee System

10-YEAR REPLACEMENT AVAILABILITY

UP TO 63% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

This dimensional 9/16" suspension system offers high-recycled content for improved LEED® credits

KEY SELECTION ATTRIBUTES

- Hot-dipped galvanized coating inhibits red rust better than electrogalvanized or painted systems
- XL®2 staked-on end detail provides secure locked connection
- Unmitered intersections for flexibility of cross tee placement
- Accommodates virtually any fixture, especially 1' x 4' light fixtures and air handling
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products
- Some items available in metric sizes

new **FastSize™** main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times

new Blizzard White powder-coated finish coordinates with Optima®, Ultima®, Calla™, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.

TYPICAL APPLICATIONS

- All commercial applications

new Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 1 Ft.	2 Ft.	4 Ft.	5 Ft.	Fire Guard™	Seismic Category DEF	Pcs./ Ctn.	Lin. Ft./ Ctn.
Interlude XL									Dots represent high level of performance.			
9/16"	**6100HRC_ _❖**	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-3/4"	–	–	12.6	–	–	–	20	240
9/16"	**6101HRC_ _❖**	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-3/4"	–	–	16.79	–	–	●	20	240
9/16"	**XL6180HRC_ _❖**	8' Cross Tee	12" O.C.	96 x 9/16 x 1-3/4"	–	–	12.6	–	–	●	20	160
9/16"	**XL6190HRC_ _❖**	6' Cross Tee	12" O.C.	72 x 9/16 x 1-3/4"	–	–	12.6	–	–	●	20	120
9/16"	**XL6150AHRC_ _❖**	5' Cross Tee	6", 20", 30"	60 x 9/16 x 1-3/4"	–	–	–	5.8	–	●	60	300
9/16"	**XL6140HRC_ _❖**	4' Cross Tee	12" O.C.	48 x 9/16 x 1-3/4"	3.0	–	12.6	–	–	●	60	240
9/16"	**XL6170HRC_ _❖**	2.5' Cross Tee	–	30 x 9/16 x 1-3/4"	38.8	–	–	–	–	●	60	100
9/16"	**XL6120HRC_ _❖**	2' Cross Tee	–	24 x 9/16 x 1-3/4"	–	66.89	–	–	–	●	60	120
9/16"	**XL6110HRC_ _❖**	1' Cross Tee	–	12 x 9/16 x 1-3/4"	66.89	–	–	–	–	●	120	120
9/16"	FS **FastSize™**	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 3" from ends, 6" thereafter									Varies	Varies
Interlude® XL® HRC items for TechZone® Ceiling Systems												
9/16"	**6195AHRC_ _❖**	126" HD Main Beam	10", 30", 50", 70", 90", 110", 116"	126 x 9/16 x 1-3/4"	–	–	16.79	–	–	●	20	210
9/16"	**6127AHRC_ _❖**	120" HD Main Beam	15", 42", 48", 75", 102", 108"	126 x 9/16 x 1-3/4"	–	–	16.79	–	–	●	20	210
9/16"	**XL6164AHRC_ _❖**	54" Cross Tee	6", 27", 48"	54 x 9/16 x 1-3/4"	–	–	9.2 at 4.5'	–	–	●	60	270
9/16"	**XL6162HRC_ _❖**	42" Cross Tee	–	42 x 9/16 x 1-3/4"	–	–	20 at 3.5'	–	–	●	60	210
9/16"	**XL6167HRC_ _❖**	27" Cross Tee	–	27 x 9/16 x 1-3/4"	–	49.32	–	–	–	●	60	135
9/16"	**XL6106HRC_ _❖**	6" Cross Tee	–	6 x 9/16 x 1-3/4"	–	–	–	–	–	●	60	30
9/16"	**XL6104HRC_ _❖**	4" Cross Tee	–	4 x 9/16 x 1-3/4"	–	–	–	–	–	●	60	20

NOTE: Additional Interlude XL items for TechZone Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrong.com/techzone

ASTM Class HD - Heavy-duty ID - Intermediate-duty LD - Light-duty

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

Face Profile	Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 291-292)								
7/8"	**7800HRC_ _❖**	12' Hemmed Angle Molding	144"	7/8"	7/8"	–	30	360
9/16"	**7804HRC_ _❖**	12' Hemmed Angle Molding	144"	9/16"	7/8"	–	30	300
9/16"	**7873_ _❖**	10' Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
9/16"	**7874_ _❖**	10' Shadow Molding	120"	9/16"	15/16"	1/4"	30	300
15/16"	**7877_ _❖*****	10' Seismic Shadow Molding	120"	15/16"	15/16"	1/4"	30	300
15/16"	**7878_ _❖*****	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

* Simple Span *** Suitable for Category D, E, F Seismic Installation with BERC2 clip ❖ All items available in Blizzard White powder-coated finish

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7804ZW – Blizzard White)

COLOR AND FINISH

Standard: White (WH)

Powder Coated Finish: Blizzard White (ZW) – Items with ❖

ACCESSORIES

For accessories see pages 293-294

DETAILS

For more information, see submittal BPCS-4329.

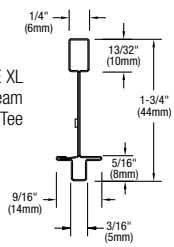


INTERLUDE XL Main Beam

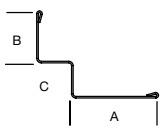


INTERLUDE XL Cross Tee

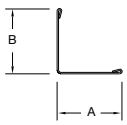
INTERLUDE XL Main Beam and Cross Tee



Shadow Molding



Hemmed Angle Molding





LEED® is a registered trademark of the US Green Building Council

PRELUDE® Concealed
Tee System

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓, construction waste mgmt ✓, regional materials ✓, design for flexibility ✓, EPD ✓, recyclable/ extended producer resp., biobased materials, recycled content ✓, sourcing of raw materials ✓, material ingredient reporting, low emitting/ materials, lighting quality, acoustics

▲ LOCATION DEPENDENT

This concealed 15/16" galvanized steel suspension system accomodates spaces with minimal overhead clearance.

KEY SELECTION ATTRIBUTES

- **PeakForm®** profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove and relocate
- Hot-dipped galvanized coating inhibits red rust better than electrogalvanized or painted systems
- 10-Year Limited Warranty; 30-Year Limited Warranty with **HumiGuard® Plus** products
- Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation

TYPICAL APPLICATIONS

- Older buildings with minimal overhead clearance

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
Prelude® Concealed				**4 Ft.**	**5 Ft.**				
15/16"	**7301**	12' HD Main Beam	144 x 15/16 x 1-11/16"	16.50	8.73	–	–	20	240
15/16"	**7300**	12' ID Main Beam	144 x 15/16 x 1-11/16"	12.80	6.35	–	–	20	240
15/16"	**ML7343**	4' Cross Tee	48 x 15/16 x 1-1/2"	9.00	–	–	–	60	240
15/16"	**XL7342**	4' Cross Tee	48 x 15/16 x 1-1/2"	9.00	–	–	–	60	240
15/16"	**ML7323**	2' Cross Tee	24 x 15/16 x 1-1/2"	38.63	–	–	–	60	120
15/16"	**XL7328**	2' Cross Tee	24 x 15/16 x 1-3/8"	38.63	–	–	–	60	120
3/4"	**7446**	4' Tee Spline	48 x 3/4 x 7/8"	–	–	–	–	125	500
7/8"	**7426**	2' Tee Spline	24 x 3/4 x 7/8"	–	–	–	–	125	250
7/16"	**7447**	4' Concealed Angle	48 x 7/16 x 1-1/4"	–	–	–	–	75	300
7/16"	**7437**	3' Concealed Angle	36 x 7/16 x 1-1/4"	–	–	–	–	100	300
7/16"	**7427**	2' Concealed Angle	24 x 7/16 x 1-1/4"	–	–	–	–	150	300
Suggested Molding (Additional molding options available. See pages 291-292)									
7/8"	**7835**	10' Channel Molding	120 x 7/8 x 1-3/4 x 9/16"	–	–	–	–	20	200
15/16"	**7830**	10' Channel Molding	120 x 15/16 x 1-15/16 x 15/16"	–	–	–	–	16	160
Accessories									
–	**7445**	4' Stabilizer Bar	48"	–	–	–	–	100	400
–	**7425**	2' Stabilizer Bar	24"	–	–	–	–	100	200
–	**7486**	Breather Spline	11"	–	–	–	–	500	–
7/16"	**7428**	2' Access Hook	24 x 7/16 x 1-1/4"	–	–	–	–	300	300
7/16"	**7418**	1' Access Hook	12 x 7/16 x 1-1/4"	–	–	–	–	150	300
–	**7870**	Spring Border Clip	–	–	–	–	–	1,000	–

* Simple Span

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

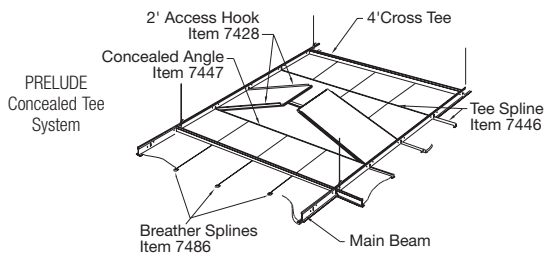
COLORS

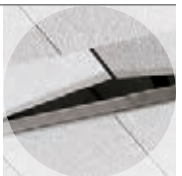
White (WH): 7301, 7300, ML7343, XL7342, ML7323, XL7328, 7835, 7830

Unpainted: 7446, 7426, 7447, 7437, 7427, 7486, 7445, 7425, 7870, 7428, 7418

DETAILS

For more information, see submittal BPCS-3347.





LEED® is a registered trademark of the US Green Building Council

Armstrong®

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓	✓			✓	✓				

▲ LOCATION DEPENDENT

PRELUDE® ML

15/16" Exposed Tee System

A 15/16" suspension system with hook-end details

KEY SELECTION ATTRIBUTES

- **PeakForm®** profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot-dipped galvanized coating inhibits red rust better than electrogalvanized or painted systems
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- Hook staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- 10-Year Limited Warranty; 30-Year Limited Warranty with **HumiGuard® Plus** products
- Main beams and cross tees can be ordered with special sizing and rout spacing for your project needs

TYPICAL APPLICATIONS

- All commercial applications

VISUAL SELECTION

PERFORMANCE

PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
Prelude® ML				4 Ft.	5 Ft.				
15/16"	**7301** _ _◆	12' HD Main Beam	144 x 15/16 x 1-11/16"	16.73	8.73	–	–	20	240
15/16"	**7300**	12' ID Main Beam	144 x 15/16 x 1-11/16"	13.50	6.35	–	–	20	240
15/16"	**7302**	10' ID Main Beam	120 x 15/16 x 1-11/16"	13.50	6.35	–	–	20	200
15/16"	**ML7357**	5' Cross Tee	60 x 15/16 x 1-11/16"	–	7.61	–	–	60	300
15/16"	**ML7343** _ _◆	4' Cross Tee	48 x 15/16 x 1-1/2"	7.80	–	–	–	60	240
15/16"	**ML7323** _ _◆	2' Cross Tee	24 x 15/16 x 1-1/2"	38.63	–	–	–	60	120
15/16"	**ML7313**	1' Cross Tee	12 x 15/16 x 1-1/2"	40.45	–	–	–	120	120
Suggested Molding (Additional molding options available. See pages 291-292)									
7/8"	**7800** _ _◆	12' Hemmed Angle Molding	144 x 7/8 x 7/8"	–	–	–	–	30	360
15/16"	**7809**	12' Hemmed Angle Molding	144 x 15/16 x 15/16"	–	–	–	–	30	360
9/16"	**7835**	10' Hemmed Channel Molding	120 x 7/8 x 1-3/4 x 9/16"	–	–	–	–	20	200

* Simple Span

◆ Add 2-letter color suffix to item number when specifying or ordering (ex. 7301C R)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

COLORS

Due to printing limitations, shade may vary from actual product.

White (WH)

Tech Black (BL)

DETAILS

For more information, see submittal BPCS-3346.

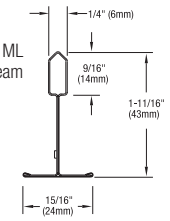


PRELUDE ML Main Beam

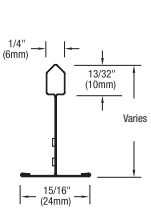


PRELUDE ML Cross Tee

PRELUDE ML Main Beam



PRELUDE ML Cross Tee





SUSPENSION SYSTEMS

LEED® is a registered trademark of the US Green Building Council

PRELUDE® PLUS XL® Aluminum & PRELUDE PLUS XL Stainless Steel

Environmental Tee System

30% STEEL 91% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management ✓, construction waste mgmt ✓, regional materials ✓, design for flexibility ✓, EPD ✓, recyclable/ extended producer resp. ✓, biobased materials ✓, recycled content ✓, sourcing of raw materials ✓, material ingredient reporting ✓, low emitting/ materials ✓, lighting quality ✓, acoustics ✓

▲ LOCATION DEPENDENT

These steel and aluminum 15/16" suspension systems are designed for severe environmental performance.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- All systems conform to ASTM C635 for severe environmental performance
- 10-Year Limited Warranty; 30-Year Limited Warranty with **HumiGuard® Plus or HumiGuard® Max** products
- Main beams and cross tees can be ordered with special sizing and rout spacing for your project needs
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- XL® staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate (clips made from stainless steel)

PRELUDE® PLUS XL® ALUMINUM

- All aluminum for maximum moisture resistance

PRELUDE® PLUS XL® STAINLESS STEEL

- **Type 304**, non-magnetic, stainless steel; withstands a wide variety of corrosive agents
- Peel-off protective film on exposed surfaces to prevent scuffing and marking during installation

TYPICAL APPLICATIONS

PRELUDE PLUS XL ALUMINUM

- Indoor swimming pools with proper ventilation and hanger wire
- Non-magnetic areas/MRI suites
- Shower rooms

PRELUDE PLUS XL STAINLESS STEEL

- Food preparation, storage, manufacturing, and packaging areas
- Laboratories
- Chemical processing
- MRI applications

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 2 Ft.	3 Ft.	4 Ft.	Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
Prelude Plus XL Aluminum							Dots represent high level of performance.			
15/16"	**AL7200_ _◆**	12' LD Main Beam	144 x 15/16 x 1-1/2"	–	13.47	6.33	–	–	20	240
15/16"	**XLAL7240_ _◆**	4' Cross Tee	48 x 15/16 x 1-1/2"	–	–	6.33	–	●	60	240
15/16"	**XLAL7220_ _◆**	2' Cross Tee	24 x 15/16 x 1-1/2"	44.45	–	–	–	●	60	120
15/16"	**Other Sizes** Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Rout spacing 3" from ends, 6" thereafter								Varies	Varies
Molding										
7/8"	**AL7801_ _◆**	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	–	–	–	–	–	30	300
Prelude Plus XL Stainless Steel										
15/16"	**SS7200**	12' ID Main Beam	144 x 15/16 x 1-1/2"	–	–	12.23	–	–	20	240
15/16"	**XLSS7240**	4' Cross Tee	48 x 15/16 x 1-1/2"	–	–	10.4	–	●	60	240
15/16"	**XLSS7220**	2' Cross Tee	24 x 15/16 x 1-1/2"	61.66	–	–	–	●	60	120
15/16"	**Other Sizes** Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Rout spacing 3" from ends, 6" thereafter								Varies	Varies
Molding										
7/8"	**SS7801**	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	–	–	–	–	–	30	300
Accessories										
	ALBERC2	Aluminum Beam End Retaining Clip		–	–	–	–	–	200	–

* Simple Span

◆ Add 2-letter color suffix to item number when specifying or ordering (ex. AL7200N A)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

COLORS

Aluminum

White Aluminum (WA)

Natural Aluminum (NA)

Steel

Stainless Steel (SS)

DETAILS

For more information, see submittal BPCS-3155 (Prelude Plus XL Aluminum) or BPCS-3154 (Prelude Plus XL Stainless Steel).

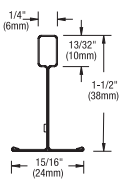


PRELUDE PLUS XL Aluminum Cross Tee

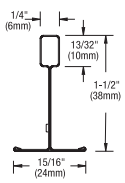


PRELUDE PLUS XL Stainless Steel Cross Tee

PRELUDE PLUS XL Aluminum Main Beam and Cross Tee



PRELUDE PLUS XL Stainless Steel Main Beam and Cross Tee





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Armstrong®

PRELUDE® PLUS XL® Fire Guard™ & PRELUDE XL for Exterior Applications

Exposed Tee System

10-YEAR REPLACEMENT AVAILABILITY

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

A 15/16" suspension system for severe environmental performance

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- All systems conform to ASTM C635 for Severe Environmental Performance
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- 10-Year Limited Warranty; 30-Year Limited Warranty with **HumiGuard® Plus or HumiGuard® Max** products
- XL® staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- **PeakForm®** profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate

PRELUDE® XL® For Exterior Applications

- Main beams, cross tees, and wall molding are minimum G90 hot dipped galvanized steel with prefinished G90 steel capping
- Suitable for wind uplift applications

PRELUDE® PLUS XL® Fire Guard™

- Main beams, cross tees, and wall molding are minimum G60 hot-dipped galvanized steel with prefinished aluminum capping for enhanced corrosion resistance
- UL design fire-rated performance

TYPICAL APPLICATIONS

PRELUDE PLUS XL Fire Guard

- Locker rooms
- Commercial kitchens and food preparation areas

PRELUDE XL For Exterior Applications

- Non-exposed exterior corridors
- Drive-thru areas
- Verandas, porches, covered galleries
- Indoor parking garages

VISUAL SELECTION

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 2 Ft.	4 Ft.	5 Ft.	PERFORMANCE Fire Guard	Seismic Category DEF	PACKAGING Pcs./ Ctn.	Lin. Ft./ Ctn.
Prelude Plus XL Fire Guard (Red Numbers are Fire Guard Items)							Dots represent high level of performance.			
15/16"	**HD8201_ _◆**	12' HD Main Beam	144 x 15/16 x 1-11/16"	12.75	16.73	–	•	•	20	240
15/16"	**XL8240_ _◆**	4' Cross Tee	48 x 15/16 x 1-1/2"	12.75	–	–	•	•	60	240
15/16"	**XL8223_ _◆**	2' Cross Tee	24 x 15/16 x 1-1/2"	38.63	–	–	•	•	60	120
Molding										
7/8"	**HD7801_ _◆**	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	–	–	–	–	–	30	300
Prelude XL for Exterior Applications										
15/16"	**7301G90A**	12' HD Main Beam	144 x 15/16 x 1-11/16"	–	16.50	6.92	–	•	20	240
15/16"	**XL7341G90A**	4' Cross Tee	48 x 15/16 x 1-11/16"	–	16.59	–	–	•	60	240
15/16"	**XL7321G90A**	2' Cross Tee	24 x 15/16 x 1-11/16"	–	74.38	–	–	•	60	120
Molding										
7/8"	**HD7801G90**	10' Hemmed Angle Molding	120 x 7/8 x 7/8"	–	–	–	–	–	–	100
Accessories										
2"	**BACG90A**	Wind Uplift Clip	N/A	–	–	–	–	–	250	–
	UHDC	Universal Hold-down Clip	N/A	–	–	–	–	–	1000	–

* Simple Span

◆ Add 2-letter color suffix to item number when specifying or ordering (ex. HD8201W A)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

COLORS

Fire Guard

White Aluminum (WA)

Natural Aluminum (NA)

Exterior

White Aluminum (WA)

DETAILS

For more information on PRELUDE PLUS XL Fire Guard, see submittal BPCS-3156.

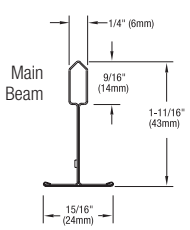
PRELUDE XL for Exterior Applications and wind uplift chart see BPCS-3384.

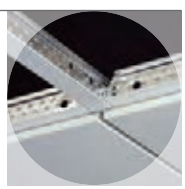


PRELUDE XL Main Beam



PRELUDE XL Cross Tee





SUSPENSION SYSTEMS

LEED® is a registered trademark of the US Green Building Council

PRELUDE® XL® & PRELUDE XL High Recycled Content

Exposed Tee System

10-YEAR REPLACEMENT AVAILABILITY

This hot-dipped galvanized steel 15/16" suspension system offers high recycled content for improved LEED® credits.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- **PeakForm®** profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products

  FastSize™ main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- XL® staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- Fire Guard™ options offer UL design fire-rated performance
- Some items available in metric sizes

new Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.

new Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).

TYPICAL APPLICATIONS

- All commercial applications

VISUAL SELECTION

Face Profile	Item No.◆	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		PERFORMANCE Fire Guard™	PERFORMANCE Seismic Category (DEF)	PACKAGING Pcs./ Ctn.	PACKAGING Lin. Ft./ Ctn.
Prelude® XL (Red Numbers are Fire Guard Items)					4 Ft.	5 Ft.	Dots represent high level of performance.			
15/16"	**7301_ _◆**	12' HD Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	16.73	8.73	–	•	20	240
	7301HRC						–	•	20	240
	8301						•	•	20	240
15/16"	**7300_ _❖**	12' ID Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	13.5	6.35	–	–	20	240
	8300_ _◆						•	–	20	240
15/16"	**7305_ _❖**	140" HD Main Beam	10" O.C.	140 x 15/16 x 1-11/16"	10.73	8.73	–	•	20	233
15/16"	**7306_ _❖**	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122"	132 x 15/16 x 1-11/16"	16.73	8.73	–	•	20	220
15/16"	**7307_ _❖**	126" HD Main Beam	10", 30", 50", 70", 90", 110", 116"	126 x 15/16 x 1-11/16"	–	–	–	•	20	210
15/16"	**7302_ _❖**	10' ID Main Beam	6" O.C.	120 x 15/16 x 1-11/16"	13.5	6.35	–	–	20	200
15/16"	**XL7380_ _❖**	8' Cross Tee	12" O.C.	96 x 15/16 x 1-11/16"	12.12**	–	–	•	20	160
15/16"	**XL7390_ _❖**	6' Cross Tee	12" O.C.	72 x 15/16 x 1-11/16"	12.24*	–	–	•	20	120
15/16"	**XL7357_ _❖**	5' Cross Tee	6" O.C.	60 x 15/16 x 1-11/16"	–	7.61	–	•	60	300
15/16"	**XL7358_ _❖**	5' Cross Tee	20" O.C.	60 x 15/16 x 1-11/16"	–	7.61	–	•	60	300
15/16"	**XL7341_ _❖**	4' Cross Tee	12" O.C.	48 x 15/16 x 1-11/16"	16.89	–	–	•	60	240
	XL7341HRC						–	•	60	240
	XL8341						•	•	60	240
15/16"	**XL7340_ _❖**	4' Cross Tee	12" O.C.	48 x 15/16 x 1-11/16"	12.25	–	–	•	60	240
	XL8340_ _◆						•	•	60	240
15/16"	**XL7342_ _◆**	4' Cross Tee	12" O.C.	48 x 15/16 x 1-1/2"	7.8	–	–	•	60	240
15/16"	**XL7348_ _❖**	4' Cross Tee	12" O.C.	48 x 15/16 x 1-3/8"	6.78	–	–	•	60	240
15/16"	**XL7330_ _◆**	3' Cross Tee	–	36 x 15/16 x 1-11/16"	20.3 at 3'	–	–	•	60	180
15/16"	**XL7378_ _❖**	30" Cross Tee	–	30 x 15/16 x 1-3/8"	16.54 at 2.5'	–	–	•	60	150
15/16"	**XL7328_ _◆**	2' Cross Tee	–	24 x 15/16 x 1-3/8"	36.0 at 2'	–	–	•	60	120
	XL8323_ _◆						•	•	60	120
15/16"	**XL8320HRC**	2' Cross Tee	–	24 x 15/16 x 1-11/16"	61.33 at 2'	–	–	•	60	120
	XL8320						•	•	60	120
15/16"	**XL7368_ _❖**	20" Cross Tee	–	20 x 15/16 x 1-3/8"	36.0 at 1.67'	–	–	•	60	100
15/16"	**XL7398_ _❖**	18" Cross Tee	–	18 x 15/16 x 1-3/8"	–	–	–	•	60	90
15/16"	**XL7318_ _❖**	1' Cross Tee	–	12 x 15/16 x 1-3/8"	36.0 at 1'	–	–	•	120	120
15/16"	**XL7304_ _❖**	4" Cross Tee	–	4 x 15/16 x 1-3/8"	–	–	–	•	60	20
15/16"	**FastSize™**	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 3" from ends, 6" thereafter					–	–	Varies	Varies

* Simple Span
** Hanger Wire Support Mid-Span
◆ Items available in Standard, Premium, and Blizzard White powder-coated finish
❖ Items available in Blizzard White powder-coated finish
When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7301HA – Haze)

FastSize: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

NOTE: Additional Prelude XL items for TechZone® Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrong.com/techzone

PRELUDE® XL® & PRELUDE XL High Recycled Content

Exposed Tee System

UP TO 63% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

Item No.◆	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
7800_ _◆ 7800HRC	12' Hemmed Angle Molding	144"	7/8"	7/8"	–	30	360
7808_ _❖	10' Hemmed Angle Molding	120"	2"	2"	–	10	100
780812_ _❖	12' Hemmed Angle Molding	144"	2"	2"	–	10	120
7807	10' Hemmed Angle Molding	120"	2"	1"	–	10	100
7875_ _❖	10' Shadow Molding	120"	3/4"	15/16"	1/2"	30	300
7877_ _❖***	10' Shadow Molding	120"	15/16"	15/16"	1/4"	30	300
7878_ _❖***	10' Shadow Molding	120"	15/16"	15/16"	3/8"	30	300
7897_ _❖***	10' Shadow Molding	120"	15/16"	15/16"	1/2"	30	300

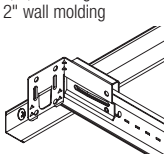
*** Suitable for IBC Category D,E,F installations using Armstrong® Seismic Rx® suspension system and BERC2 Clip
◆ Items available in Standard, Premium, and Blizzard White powder-coated finish
❖ Items available in Blizzard White powder-coated finish only
When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7800HA – Haze)

PACKAGING

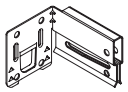
ACCESSORIES

BERC2 – 2" Beam End Retaining Clip – Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.

ALBERC2 (aluminum)

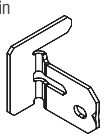


BERC2 (Steel) – 200 pcs
FZBERC2 (Steel) – 50 pcs



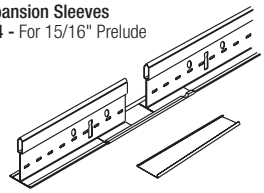
ALBERC2 (Aluminum) – 200 pcs
FZALBERC2 (Aluminum) – 50 pcs

STAC – Single Tee Adapter Clip – Used to create code compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.



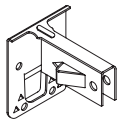
STAC – 120 pcs
FZSTAC – 50 pcs

Expansion Sleeves
ES4 - For 15/16" Prelude



ES4 – 200 pcs
FZES4 – 50 pcs

GCWA – Grip Clip Wall Attachment – Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.



GCWA – 250 pcs
FZGCWA – 50 pcs

COLORS

Standard

new Blizzard White Finish❖

White (WH) | Cream (CR) | Haze (HA) | Adobe (AD) | Platinum (PL) | Tech Black (BL) | Stainless Steel (SS) | Silver Grey (SG) | Gun Metal Grey (MY) | Silver Satin (SA) | Blizzard White (ZW)



RAL & Custom Colors Available

Premium

Camel (CM) | White Aluminum (WA)†† | Natural Aluminum (NA)†† | Hot Dipped Clear Coat (HDC) | Copper (CP) | Bronze (BZ) | Pewter (PW) | Silver (SL)

†† Capping only
††† Peel-off protective film on exposed surfaces to protect from scuffing or marking during installation
NOTE: Items 8300, XL8340, XL8323 available in Black (BL) or White (WH) only.
❖ Items available in Blizzard White powder-coated finish only
When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7301HA – Haze)

DETAILS

For more information, see submittal CS-3344.

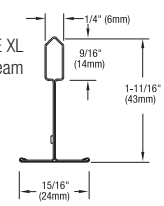


PRELUDE XL Main Beam

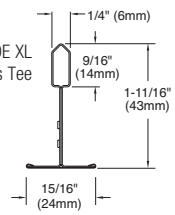


PRELUDE XL Cross Tee

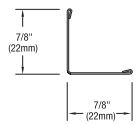
PRELUDE XL Main Beam



PRELUDE XL Cross Tee



7/8" Hemmed Angle Molding





SUSPENSION SYSTEMS

LEED® is a registered trademark of the US Green Building Council
RAL is a registered trademark of RAL gGmbH

PRELUDE® XL MAX™

Exposed Tee System



Prelude® XL Max™ suspension system with Ultima® item 1935 ceiling panels

This suspension system is designed to offer maximum air flow management, load-carrying capacity, and adaptability in data center applications.

KEY SELECTION ATTRIBUTES

Prelude® XL Max™ 15/16" Suspension System

- Supports point loads up to 347 lbs. using 3/8" threaded rod and integrated hanging clips to provide:
  - Flexible and reconfigurable overhead cable tray and electrical distribution to meet client needs without a separate strut channel system
  - Eliminates unsightly threaded rod penetrations through the ceiling plane for improved access and aesthetics
  - Reduced ceiling penetrations help minimize unwanted air infiltration
- Suspension system meets ASTM C635, ASTM C636, ASTM E580, ICC-ES AC156 with Seismic D, E, F available
- Custom colors available to coordinate with Ultima® Create!™ ceiling panels
- 30-Year Limited System Warranty

TYPICAL APPLICATIONS

- Data Centers

VISUAL SELECTION

PERFORMANCE

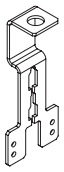
PACKAGING

Item No.	Face Profile	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	Fire Guard™	Seismic Category DEF	Pcs./ Ctn.	Lin. Ft./ Ctn.
Prelude XL Max				**4 Ft.**	Dots represent high level of performance.			
☐ **730145**	15/16"	12' HD Main Beam	144 x 15/16 x 2.44"	40.17	–	•	10	120
☐ **XL7345**	15/16"	4' Cross Tee	48 x 15/16 x 2.44"	40.17	–	•	30	120
☐ **XL7325**	15/16"	2' Cross Tee	24 x 15/16 x 2.44"	–	–	•	30	60
Molding								
☐ **SWA9878HRC**	7/8"	12' Structural Wall Angle	144 x 7/8 x 7/8"	–	–	•	12	144

*Simple Span

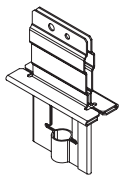
ACCESSORIES

IHC – Intersection Hanging Clip – Used to increase main beam to cross tee connection strength and carry the ceiling system with 3/8" threaded rod from structure.



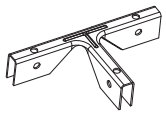
☐ **IHC** – 160 pcs
☐ **FZIHC** – 50 pcs

PMLC – Prelude XL Max Load Connector – Used to support bus bars, cable trays, and other components with 3/8" threaded rod from the suspension system face.



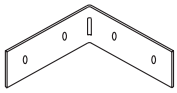
☐ **PMLC** – 100 pcs
☐ **FZPMLC** – 50 pcs

IJC – Intersection Joint Clip – Used at all cross tee-to-cross tee or main beam-to-cross tee connections, not using the IHC Clip.



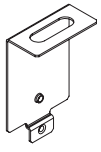
☐ **IJC** – 250 pcs
☐ **FZIJC** – 50 pcs

XTAC – Cross Tee Adapter Clip – Attaches cross tees or main beams to the structural wall molding when supporting heavy loads around the perimeter of the ceiling installation.



☐ **XTAC** – 100 pcs
☐ **FZXTAC** – 50 pcs

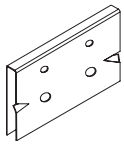
SHC – Supplemental Hanging Clip – Used to carry the ceiling system with 3/8" threaded rod from any location along the main beam when plenum obstructions prevent use of the IHC Clip.



☐ **SHC** – 144 pcs
☐ **FZSHC** – 50 pcs

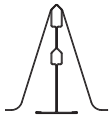
TLMBS – Top Lock Main Beam Splice Clip – Locks two main beams together for a secure connection.

10 pcs (included with item 730145 Main Beam)



☐ **FZTLMBS** – 50 pcs

PMHDC – Prelude XL Max Hold Down Clip – Attaches to the top bulb of the Prelude XL Max suspension system to hold ceiling panels in place; helps to prevent ceiling panel movement.



☐ **PMHDC** – 100 pcs
☐ **FZPMHDC** – 50 pcs

PRELUDE® XL MAX™

Exposed Tee System

UP TO 25% RECYCLED CONTENT

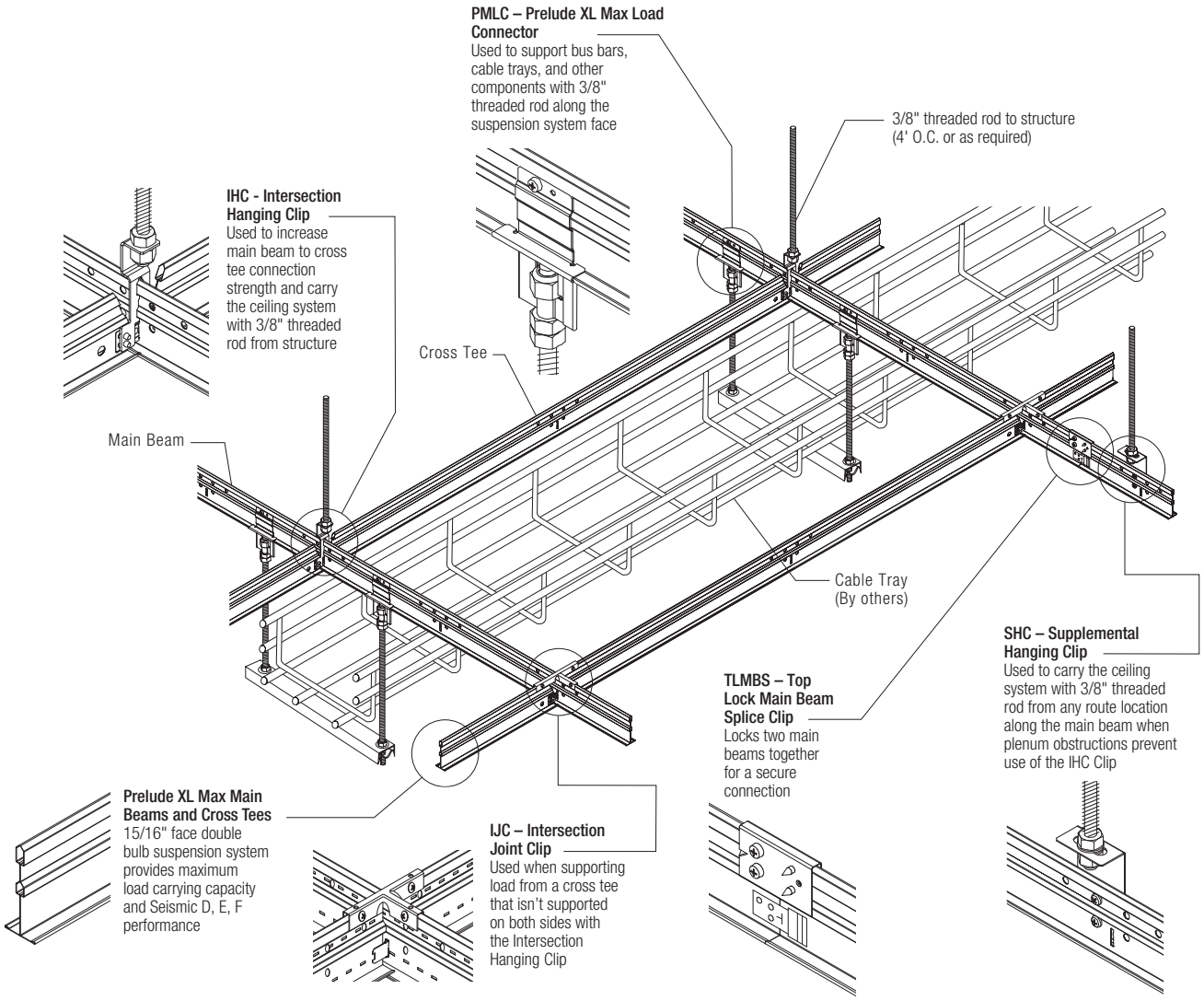
Calculate LEED contribution at armstrong.com/greengenie

LEED®

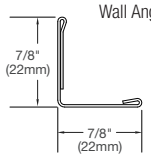
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓	✓			✓	✓				

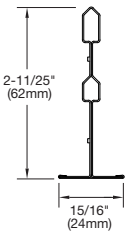
▲ LOCATION DEPENDENT

PRELUDE® XL MAX™ INSTALLATION OVERVIEW



DETAILS





COLORS

Due to printing limitations, shade may vary from actual product.



White is standard color for main beams and cross tees. All clips are unfinished.

Custom colors and finishes are available for main beams, cross tees, and load connector clips to coordinate with Create!™ ceiling panels and custom project colors.

Contact Armstrong Customer Service
1-877-276-7876

PHYSICAL DATA

Material
Hot-dipped galvanized steel

Surface Finish
Baked polyester paint or powder coated

Face Dimension
15/16"

Profile
Exposed tee

Cross Tee/Main Beam Interface
Override

End Detail
Main Beam: Staked-on clip
Cross Tee: Staked-on clip

Duty Classification
Heavy-duty

LEED® is a registered trademark of the US Green Building Council
RAL is a registered trademark of RAL gGmbH

SILHOUETTE® XL® 1/4" Reveal

Slotted Tee System

10-YEAR REPLACEMENT AVAILABILITY

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD ✓; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

Sophisticated slotted 9/16" suspension system with a narrow 1/4" reveal.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money
- Hot-dipped galvanized coating inhibits red rusting
- Some items available in metric sizes
- Available with black reveal
- Rotary-stitched for additional torsional strength and installation stability
- XL® staked-on end detail provides secure locked connection
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products
- new **FastSize™** main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times
- new Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.

TYPICAL APPLICATIONS

- All commercial applications

new Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).

VISUAL SELECTION

Face Profile	Item No.	Description	Route Spacing	Notching	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	5 Ft.	PERFORMANCE Fire Guard™	Seismic Category DEF	PACKAGING Pcs./ Ctn.	Lin.Ft./ Ctn.
Silhouette® XL® – 1/4" Reveal								Dots represent high level of performance.			
9/16"	**7601_ _❖**	12' HD Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	16.35	7.80	–	•	20	240
9/16"	**7612_ _❖**	12' HD Main Beam – Unnotched	–		144 x 9/16 x 1-3/4"	16.35	7.80	–	•	20	240
9/16"	**7600_ _❖**	12' ID Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
9/16"	**7602_ _❖**	10' ID Main Beam – Notched 24" O.C.	24" O.C.		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
9/16"	**7603_ _❖**	12' ID Main Beam – Notched 48" O.C.	48" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
9/16"	**7606_ _❖**	10' ID Main Beam – Notched 30" O.C.	30" O.C		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
9/16"	**XL7680_ _❖**	8' Cross Tee – Unnotched	–		96 x 9/16 x 1-3/4"	12.59**	–	–	•	20	160
9/16"	**XL7690_ _❖**	6' Cross Tee – Unnotched	–		72 x 9/16 x 1-3/4"	12.59**	–	–	•	20	120
9/16"	**XL7650_ _❖**	5' Cross Tee – Unnotched	–		60 x 9/16 x 1-3/4"	–	6.09	–	•	30	150
9/16"	**XL7655_ _❖**	5' Cross Tee – Center-notched, both sides	–		60 x 9/16 x 1-3/4"	–	5.71	–	•	30	150
9/16"	**XL7654_ _❖**	5' Cross Tee – Notched, both sides at 20", 40"	–		60 x 9/16 x 1-3/4"	–	5.71	–	•	30	150
9/16"	**XL7651_ _❖**	5' Cross Tee – Notched, one side at 20", 40"	–		60 x 9/16 x 1-3/4"	–	5.71	–	•	30	150
9/16"	**XL7640_ _❖**	4' Cross Tee – Unnotched	–		48 x 9/16 x 1-3/4"	13.53	–	–	•	60	240
9/16"	**XL7645_ _❖**	4' Cross Tee – Center-notched, both sides	–		48 x 9/16 x 1-3/4"	12.85	–	–	•	60	240
9/16"	**XL7646_ _❖**	4' Cross Tee – Center-notched, one side	–		48 x 9/16 x 1-3/4"	13.21	–	–	•	60	240
9/16"	**XL7670_ _❖**	30" Cross Tee – Unnotched	–		30 x 9/16 x 1-3/4"	39.86 at 2.5'	–	–	•	60	150
9/16"	**XL7620_ _❖**	2' Cross Tee – Unnotched	–		24 x 9/16 x 1-3/4"	69.69	71.66 at 2'	–	•	60	120
9/16"	**XL7610_ _❖**	1' Cross Tee – Unnotched	–		12 x 9/16 x 1-3/4"	69.69	71.66	–	•	120	120
9/16"	**XL7606_ _❖**	6" Cross Tee – Unnotched	–		6 x 9/16 x 1-3/4"	–	–	–	•	60	20
9/16"	**XL7604_ _❖**	4" Cross Tee – Unnotched	–		4 x 9/16 x 1-3/4"	–	–	–	•	60	20
new 9/16"	FS **FastSize™**	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 3" from ends, 6" thereafter								Varies	Varies

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 291-292)							
7804_ _❖	12' Hemmed Angle Molding	144"	9/16"	7/8"	–	30	360
7873_ _❖	10' Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
7878_ _❖***	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

* Simple Span *** Suitable for Category D, E, F Seismic Installation with BERC2 clip ❖ All items available in Blizzard White powder-coated finish

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7601ZW – Blizzard White)

ASTM Class HD - Heavy-duty ID - Intermediate-duty LD - Light-duty

COLOR AND FINISH

Standard: White (WH) **Powder Coated Finish**: Blizzard White (ZW) – Items with ❖

ACCESSORIES

For accessories see pages 293-294

DETAILS

For more information, see submittal BPCS-3157.

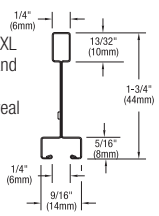


SILHOUETTE XL Main Beam

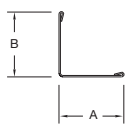


SILHOUETTE XL Cross Tee

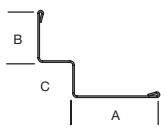
SILHOUETTE XL Main Beam and Cross Tee with 1/4" Reveal



Hemmed Angle Molding

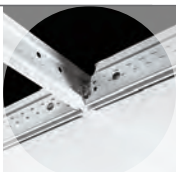


Shadow Molding



COLOR OPTION: Silhouette 1/4" Reveal available in Black Reveal for items 7600, XL7620, 7640, and XL7645.

NOTE: Additional Silhouette 1/4" Reveal items for TechZone® Integrated Ceiling System are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrong.com/techzone



LEED® is a registered trademark of the US Green Building Council

Armstrong®

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

SILHOUETTE® XL® 1/8" Reveal

Slotted Tee System

10-YEAR REPLACEMENT AVAILABILITY

Sophisticated slotted 9/16" suspension system with a slim 1/8" reveal.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- Some items available in metric sizes
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter cross tees
- XL® staked-on end detail provides secure locked connection
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products

new **FastSize™** main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times

new Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.

TYPICAL APPLICATIONS

- All commercial applications

new Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).

VISUAL SELECTION

Face Profile	Item No.	Description	Route Spacing	Notching	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	5 Ft.	PERFORMANCE Fire Guard™	Seismic Category DEF	PACKAGING Pcs./ Ctn.	Lin.Ft./ Ctn.
Silhouette® XL® – 1/8" Reveal								Dots represent high level of performance.			
9/16"	**76018**_ _ ❖	12' HD Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	16.35	7.80	–	•	20	240
9/16"	**76128**_ _ ❖	12' HD Main Beam – Unnotched	–		144 x 9/16 x 1-3/4"	16.35	7.80	–	•	20	240
9/16"	**76008**_ _ ❖	12' ID Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
9/16"	**76028**_ _ ❖	10' ID Main Beam – Notched 24" O.C.	24" O.C.		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
9/16"	**76038**_ _ ❖	12' ID Main Beam – Notched 48" O.C.	48" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
9/16"	**76068**_ _ ❖	10' ID Main Beam – Notched 30" O.C.	30" O.C.		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
9/16"	**XL76808**_ _ ❖	8' Cross Tee – Unnotched	–		96 x 9/16 x 1-3/4"	12.59**	–	–	•	20	160
9/16"	**XL76908**_ _ ❖	6' Cross Tee – Unnotched	–		72 x 9/16 x 1-3/4"	12.59**	–	–	•	20	120
9/16"	**XL76508**_ _ ❖	5' Cross Tee – Unnotched	–		60 x 9/16 x 1-3/4"	–	6.09	–	•	30	150
9/16"	**XL76558**_ _ ❖	5' Cross Tee – Center-notched, both sides	–		60 x 9/16 x 1-3/4"	–	5.71	–	•	30	150
9/16"	**XL76408**_ _ ❖	4' Cross Tee – Unnotched	–		48 x 9/16 x 1-3/4"	14.11	–	–	•	60	240
9/16"	**XL76458**_ _ ❖	4' Cross Tee – Center-notched, both sides	–		48 x 9/16 x 1-3/4"	12.60	–	–	•	60	240
9/16"	**XL76468**_ _ ❖	4' Cross Tee – Center-notched, one side	–		48 x 9/16 x 1-3/4"	13.01	–	–	•	60	240
9/16"	**XL76708**_ _ ❖	30" Cross Tee – Unnotched	–		30 x 9/16 x 1-3/4"	47.76	–	–	•	60	150
9/16"	**XL76208**_ _ ❖	2' Cross Tee – Unnotched	–		24 x 9/16 x 1-3/4"	69.69	–	–	•	60	120
9/16"	**XL76108**_ _ ❖	1' Cross Tee – Unnotched	–		12 x 9/16 x 1-3/4"	69.69	–	–	•	120	120
9/16"	**XL76048**_ _ ❖	4" Cross Tee – Unnotched	–		4 x 9/16 x 1-3/4"	–	–	–	•	60	20
new 9/16"	FS **FastSize™**	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 3" from ends, 6" thereafter								Varies	Varies

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 291-292)							
7804_ _ ❖	12' Hemmed Angle Molding	144"	9/16"	7/8"	–	30	360
7873_ _ ❖	10' Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
7878_ _ ❖***	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

* Simple Span *** Suitable for Category D, E, F Seismic Installation with BERC2 clip ❖ All items available in Blizzard White powder-coated finish

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7804ZW – Blizzard White)

ASTM Class HD - Heavy-duty ID - Intermediate-duty LD - Light-duty

COLOR AND FINISH

Standard: White (WH) **Powder Coated Finish**: Blizzard White (ZW) – Items with ❖

ACCESSORIES

For accessories see pages 293-294

DETAILS

For more information, see submittal BPCS-3078.

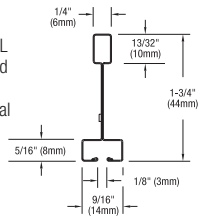


SILHOUETTE XL Main Beam

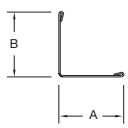


SILHOUETTE XL Cross Tee

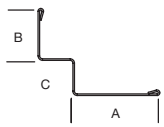
SILHOUETTE XL Main Beam and Cross Tee with 1/8" Reveal



Hemmed Angle Molding



Shadow Molding





LEED® is a registered trademark of the US Green Building Council

SINGLESPAN™

Acoustical Corridor Suspension System



The SingleSpan™ System can eliminate hanger wires

Reduces or eliminates hanger wires for faster, easier installation in crowded plenum spaces

KEY SELECTION ATTRIBUTES

- SingleSpan system allows you to reduce or eliminate hanger wires in acoustical corridor installations.
- **PeakForm® Plus** profile adds additional strength and support for longer spans
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 10-Year Limited Warranty; 30-Year Limited warranty when used with **HumiGuard® Plus** products
- All components are manufactured from High Recycled Content steel
- High Recycled Content grid can be used with Ultima® HRC, Cirrus® HRC, or Dune™ HRC ceiling panels to create a sustainable ceiling system
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter tees

WHY USE SINGLESPAN?

- Reduces or eliminates hanger wires – perfect for healthcare/eductaion spaces with crowded plenums.
- Faster installation helps keep large projects on schedule.
- Compatible with all Armstrong® heavy-duty suspension main beams using StrongBack™ Support Hangers
- Seismically tested/approved suspension installation configuration (IAPMO certified, Evaluation Report #0244).
- Provides improved access to utilities in the plenum post-installation.

TYPICAL APPLICATIONS

Corridors in:

- Healthcare
- Offices
- Education

COLOR

White (WH)

HOW THE SINGLESPAN SYSTEM WORKS

① Prelude® PeakForm® Plus 15/16" main beams with double bulb construction provide heavy-duty strength and support for maximum load carrying performance.

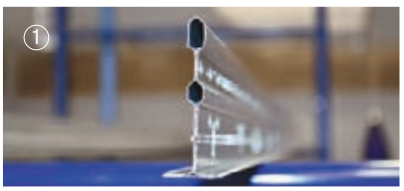
② For 9/16" applications, add SingleSpan support system to any Armstrong heavy-duty main beam by attaching StrongBack™ support pieces to them.

③ Structural wall angle maximizes the load carrying performance of the SingleSpan system and allows you to reduce or eliminate hanger wires.

SEISMIC INSTALLATIONS

④ The Lateral Support Bar adds seismic performance to the SingleSpan system and functions as:

- A stabilizer bar
- Perimeter support wire
- 2" Wall molding
- Lateral bracing









SINGLESPAN™

Acoustical Corridor Suspension System

UP TO 63% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing Lbs./Lin. Ft. 2 Ft.	4 Ft.	5 Ft.	6 Ft.	Main Beam O.C. Spacing	Hanger Spacing – Maximum Load in Lbs./Sq. Ft. 4 Ft.	5 Ft.	6 Ft.	Seismic Category DEF	Pcs./ Ctn.	Lin. Ft./ Ctn.
SingleSpan™ Prelude® Main Beams with PeakForm® Plus												Dots represent high level of performance.		
15/16"	**730098HRC**	98" Main Beam	98 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	10	81.6
15/16"	**730102HRC**	102" Main Beam	102 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	10	85
15/16"	**730144HRC**	144" Main Beam	144 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	10	120
StrongBack™ Compatible Heavy-duty Main Beam Options (used in combination with StrongBack Support hanger)														
Prelude® 15/16"	**7301**	12' HD Main Beam	144 x 15/16 x 1-11/16"	–	–	19.93	14.42	24" 48"	–	13.5 6.75*	7.21 3.60	•	–	240
Suprafine® 9/16"	**7501**	12' HD Main Beam	144 x 9/16 x 1-11/16"	–	–	19.73	13.66	24" 48"	–	11.9 5.95*	6.85 3.42	•	–	240
Silhouette® 9/16"	**7601 HD** **76018 HD**	HD Main Beam 1/4" reveal HD Main Beam 1/8" reveal	144 x 9/16 x 1-3/4" 144 x 9/16 x 1-3/4"	–	–	18.4	14.78	24" 48"	–	13.05 6.52*	7.35 3.67	•	– –	240 240
Interlude® 9/16"	**6101**	12' HD Main Beam	144 x 9/16 x 1-3/4"	–	–	17.46	12.33	24" 48"	–	12.5 6.12*	7.25 3.62	•	–	240
StrongBack Support Hangers (use in combination with 9/16" Heavy-duty Main Beams)														
	SH12	StrongBack Support Hanger	144 x 2 x 2"	–	–	–	–	–	–	–		–	200	–
Cross Tees (More cross tees available. See specific suspension system pages in this catalog.)														
Prelude® XL® 15/16"	**XL7341**	4' Cross Tee	48 x 15/16 x 1-11/16"	–	16.59	–	–	–	–	–	–	•	–	240
	XL7328	2' Cross Tee	24 x 15/16 x 1-3/8"	40.45	–	–	–	–	–	–	–	•	–	120
Suprafine XL 9/16"	**XL7549**	4' Cross Tee	48 x 9/16 x 1-11/16"	–	16.00	–	–	–	–	–	–	•	–	240
	XL7520	2' Cross Tee	24 x 9/16 x 1-1/2"	51.83	–	–	–	–	–	–	–	•	–	120
Silhouette XL 1/4" reveal 9/16"	**XL7645**	4' Cross Tee (Center-notched, both sides)	48 x 9/16 x 1-3/4"	–	12.00	–	–	–	–	–	–	•	–	240
	XL7640	4' Cross Tee (Unnotched)	48 x 9/16 x 1-3/4"	–	13.53	–	–	–	–	–	–	•	–	240
Silhouette XL 1/8" reveal 9/16"	**XL76458**	4' Cross Tee (Center-notched, one side)	48 x 9/16 x 1-3/4"	–	12.00	–	–	–	–	–	–	•	–	240
	XL76208	2' Cross Tee (Unnotched)	24 x 9/16 x 1-3/4"	69.69	–	–	–	–	–	–	–	•	–	120
Interlude XL 9/16"	**XL6140**	4' Cross Tee	48 x 9/16 x 1-3/4"	–	12.60	–	–	–	–	–	–	•	–	240
	XL6120	2' Cross Tee	24 x 9/16 x 1-3/4"	66.89	–	–	–	–	–	–	–	•	–	120

Item No.	Description	Dimensions (Inches)	Lin. Ft./ Ctn.
SingleSpan Lateral Support Bar			
LSB4HRC	48" Lateral Support Bar	48 x 2.16"	40
LSB6HRC	72" Lateral Support Bar	72 x 2.16"	60
LSB8HRC	96" Lateral Support Bar	96 x 2.16"	80
LSB10HRC	120" Lateral Support Bar	120 x 2.16"	100
LSB12HRC	144" Lateral Support Bar	144 x 2.16"	120

* Requires the use of XL7340 or similar load rating cross tee

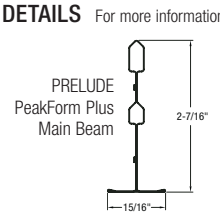
Face	Item No.	Description	Dimensions (Inches)	Lin. Ft./ Ctn.
SingleSpan Structural Wall Angle				
12'	**SWA9854HRC**	Structural Wall Angle	144 x 1-1/4"	144
12'	**SWA9878HRC**	Structural Wall Angle	144 x 7/8"	144

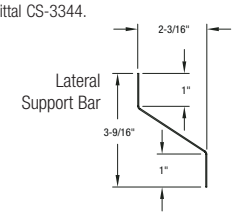
Structural wall angle is required when hanger wires are greater than 24" from the wall.

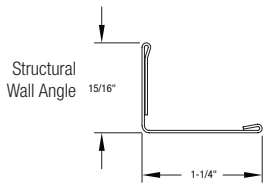
Clips			Pcs./Ctn.
	XTAC	Cross Tee Adapter Clip –	100
	BERC2	Beam End Retaining Clip –	200

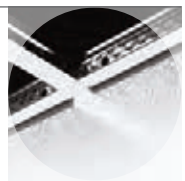
DETAILS

For more information, see submittal CS-3344.









SUSPENSION SYSTEMS

LEED® is a registered trademark of the US Green Building Council

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content

Exposed Tee System

This versatile 9/16" suspension system combines durability and stability with a refined appearance.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- **PeakForm®** profile increases strength and stability
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment
- Hot-dipped galvanized coating inhibits red rusting better than other systems
- Cross tees available in ML and XL® (staked-on end detail); secure connection; easy to remove, reuse/relocate
- Some items available in metric sizes
- 1-11/16" web height keeps components vertical and stable at light fixture interface
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products
- **FastSize™** main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times
- Fire Guard™ options offer UL design fire-rated performance.
- Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.
- Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).

TYPICAL APPLICATIONS

- All commercial applications

VISUAL SELECTION

Face Profile	Item No.◆	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 4 Ft.	5 Ft.	PERFORMANCE Fire Guard™	Seismic Category (Dots represent high level of performance.)	PACKAGING Pcs./ Ctn.	Lin. Ft./ Ctn.
Suprafine® XL® and Suprafine XL High Recycled Content (Red Numbers are Fire Guard Items)										
9/16"	**7501_ _**†	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	16.86	10.62	–	●	20	240
	7501HRC						–	●	20	240
	8501						●	●	20	240
9/16"	**7500_ _**❖	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	12.75	5.74	–	–	20	240
	8500						●	–	20	240
9/16"	**7502_ _**❖	10' ID Main Beam	6" O.C.	120 x 9/16 x 1-11/16"	12.75	5.74	–	–	20	200
9/16"	**XL7580_ _**❖	8' Cross Tee	12" O.C.	96 x 9/16 x 1-11/16"	12.73**	–	–	●	20	160
9/16"	**XL7590_ _**❖	6' Cross Tee	12" O.C.	72 x 9/16 x 1-11/16"	12.73**	–	–	●	20	120
9/16"	**XL7558_ _**❖	5' Cross Tee	6", 20", 30"	60 x 9/16 x 1-11/16"	–	5.80	–	●	60	300
9/16"	**XL7541HRC**	4' Cross Tee	–	48 x 9/16 x 1-11/16"	12.73	–	–	●	60	240
9/16"	**XL7540_ _**†	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	10.34	–	–	●	60	240
	XL8540						●	●	60	240
9/16"	**XL7549_ _**❖	4' Cross Tee	–	48 x 9/16 x 1-11/16"	16.42	–	–	●	60	240
9/16"	**XL7530_ _**❖	3' Cross Tee	–	36 x 9/16 x 1-11/16"	–	–	–	●	60	180
9/16"	**XL7570_ _**❖	30" Cross Tee	–	30 x 9/16 x 1-11/16"	28.67	–	–	●	60	150
9/16"	**XL7520_ _**†	2' Cross Tee	–	24 x 9/16 x 1-11/16"	51.83	–	–	●	60	120
	XL7520HRC						–	●	60	120
	XL8520						●	●	60	120
9/16"	**XL7510_ _**❖	1' Cross Tee	–	12 x 9/16 x 1-11/16"	51.83	–	–	●	120	120
new 9/16"	FS **FastSize™**	Main beams L: 36" - 144" / Cross tees L: 3" - 144" / Route spacing 2" from ends, 4" thereafter							Varies	Varies
Suprafine XL items for TechZone™ Ceiling Systems Additional items available in TechZone Technical Guide – BPCS-4486 or armstrong.com/techzone										
9/16"	**7504_ _**❖	120" HD Main Beam	15", 42", 48", 75", 102", 108"	120 x 9/16 x 1-11/16"	12.75	10.62	–	●	20	200
9/16"	**7505_ _**❖	100" HD Main Beam	2", 26", 50", 74", and 98"	100 x 9/16 x 1-11/16"	–	–	–	●	20	166
9/16"	**7507_ _**❖	144" HD Main Beam	15", 36", 42", 63", 84", 90", 11",132", 138"	144 x 9/16 x 1-11/16"	–	–	–	●	20	240
9/16"	**7508_ _**❖	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122"	132 x 9/16 x 1-11/16"	–	–	–	●	20	220
9/16"	**TZXL7556_ _**❖	56" Cross Tee	–	56 x 9/16 x 1-11/16"	–	–	–	●	60	280
9/16"	**XL7564_ _**❖	54" Cross Tee	6", 27", 48"	54 x 9/16 x 1-11/16"	–	–	–	●	60	270
9/16"	**XL7562_ _**❖	42" Cross Tee	–	42 x 9/16 x 1-11/16"	12.34	–	–	●	60	210
9/16"	**XL7528_ _**❖	28" Cross Tee	–	28 x 9/16 x 1-11/16"	–	–	–	●	60	140
9/16"	**XL7561_ _**❖	21" Cross Tee	–	21 x 9/16 x 1-11/16"	–	–	–	●	60	105
9/16"	**XL7506_ _**❖	6" Cross Tee	–	6 x 9/16 x 1-11/16"	–	–	–	●	60	30
9/16"	**XL7504_ _**❖	4" Cross Tee	–	4 x 9/16 x 1-11/16"	–	–	–	●	60	20

* Simple Span ** Wire at 4' † Items available in Standard, Premium, and Blizzard White powder-coated finish

❖ Items available in Blizzard White powder-coated finish

◆ When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7501HA – Haze)

FS **FastSize**: Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content

Exposed Tee System

10% Pre-consumer
53% Post-consumer

10-YEAR REPLACEMENT AVAILABILITY

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

PACKAGING

Face Profile	Item No.◆	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suprafine® ML					4 Ft.	5 Ft.				
9/16"	**ML7540_ _❖**	4' Cross Tee	–	48 x 9/16 x 1-11/16"	10.34	–	–	–	60	240
9/16"	**ML7520_ _❖**	2' Cross Tee	–	24 x 9/16 x 1-11/16"	51.80	–	–	–	60	120

* Simple Span
◆ Items available in Standard, Premium, and Blizzard White powder-coated finish
❖ Items available in Blizzard White powder-coated finish
When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., ML7540HA – Haze)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 291-292)							
7808_ _❖	10' Hemmed Angle Molding	120"	2"	2"	–	10	100
7804_ _❖	12' Hemmed Angle Molding	144"	9/16"	7/8"	–	30	360
7804HRC	12' Hemmed Angle Molding	144"	9/16"	7/8"	–	30	360
7835	10' Channel Molding	120"	7/8"	1-3/4"	3/8"	20	200
7873_ _❖	10' Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
7874_ _❖	10' Shadow Molding	120"	9/16"	15/16"	1/4"	30	300
7878_ _❖***	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

*** Suitable for IBC Category D,E,F installations using Armstrong Seismic Rx® and BERC2 Clip

ACCESSORIES

For accessories see pages 293-294.

COLORS AND FINISH

Standard

White (WH), Cream (CR), Haze (HA), Adobe (AD), Platinum (PL), Tech Black (BL)***, Silver Grey (SG), Gun Metal Grey (MY), Silver Satin (SA)

Premium

Camel (CM), Bronze (BZ)

Powder-coated Finish❖

new Blizzard White (ZW)

new **Colorations™ (Coordinates with Calla™ Colorations Panels and Axiom® Trim)**

Shell (SH), Pale Lemon (LM), Pecan (PC), Sky (SK), Moss (MS), Stone (SE), Reef (RE), Lagoon (LA), Plum (PM), Cranberry (CN), Kiwi (KW), Tangerine (TG)

Made-to-order Sherwin-Williams® Colors Available

Custom colors are available with a Sherwin-Williams® 4-digit color code from the Duration® or Harmony® flat interior paint families (Code SW _ _ _ _)

To see Ultima® and Optima® Create!™ and RAL colors, visit armstrong.com/createcolors.
❖ Items available in Blizzard White powder-coated finish
*** Tech Black (BL) coordinates with Black (BK) for Colorations projects.

DETAILS

For more information, see submittal CS-3077.

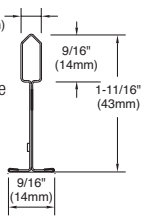


SUPRAFINE XL Cross Tee

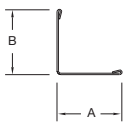


SUPRAFINE ML Cross Tee

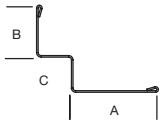
SUPRAFINE Main Beam and Cross Tee



Hemmed Angle Molding



Shadow Molding





SUSPENSION SYSTEMS

LEED® is a registered trademark of the US Green Building Council
Sherwin-Williams®, Duration®, and Harmony® are registered trademarks of The Sherwin-Williams Company
RAL is a registered trademark of RAL gGmbH

SONATA® XL®

Dimensional Tee System

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD ✓; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

This sophisticated dimensional 9/16" suspension system offers co-extruded steel construction for crisp edge profile detailing.

KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1192)
- Co-extruded steel provides crisp edge and profile detailing and excellent corrosion resistance
- XL® staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- Accommodates virtually any fixture, especially 1' x 4' light fixtures
- 10-Year Limited Warranty; 30-Year Limited Warranty with **HumiGuard® Plus** products
- Some items available in metric sizes.

TYPICAL APPLICATIONS

- All commercial applications

VISUAL SELECTION / PERFORMANCE / PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 2 Ft.	30"	4 Ft.	5 Ft.	Fire Guard™	Seismic Category DEF (Dots represent high level of performance.)	Pcs./ Ctn.	Lin. Ft./ Ctn.
Sonata® XL®											
9/16"	**6501**	12' HD Main Beam	144 x 9/16 x 1-13/16"	–	–	19.42	–	–	•	50	144
9/16"	**6500_ _◆**	12' ID Main Beam	144 x 9/16 x 1-13/16"	–	–	15.92	–	–	–	40	144
9/16"	**6506_ _◆**	10" ID Main Beam	120 x 9/16 x 1-13/16"	–	–	15.92	–	–	–	34	120
9/16"	**XL6561_ _◆**	5' Cross Tee	60 x 9/16 x 1-13/16"	–	–	–	6.43	–	•	50	180
9/16"	**XL6541_ _◆**	4' Cross Tee	48 x 9/16 x 1-13/16"	–	–	15.88	–	–	•	36	144
9/16"	**XL6531_ _◆**	30" Cross Tee	30 x 9/16 x 1-13/16"	–	30.9	–	–	–	•	36	90
9/16"	**XL6521_ _◆**	2' Cross Tee	24 x 9/16 x 1-13/16"	42.0	–	–	–	–	•	36	72
9/16"	**XL6511**	1' Cross Tee	12 x 9/16 x 1-13/16"	42.0	–	–	–	–	•	36	36
Molding											
9/16"	**7821**	12' Shadow Molding	144 x 9/16 x 15/16 x 3/16 x 3/8"	–	–	–	–	–	–	30	360

* Simple Span

◆ Add 2-letter color suffix to item number when specifying or ordering (ex. 6500S G)

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

COLOR Due to printing limitations, shade may vary from actual product.

White (WH)

DETAILS For more information, see submittal BPCS-3209.

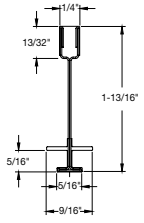


SONATA Main Beam

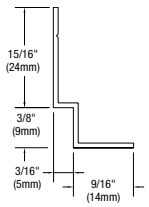


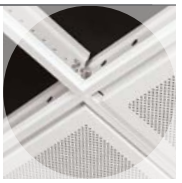
SONATA Cross Tee

SONATA Main Beam and Cross Tee



SONATA Shadow Molding





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Armstrong®

SUSPENSION SYSTEM MOLDINGS AND ACCESSORIES

MOLDINGS

UP TO 30% RECYCLED CONTENT

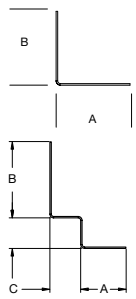
Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

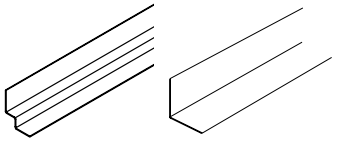
▲ LOCATION DEPENDENT

Angle molding, shadow molding, channel molding, and other wall moldings are an important detail in the design and installation of each ceiling system. Wall moldings offer a unique solution to each ceiling system by maintaining a consistent look and performance to each design.

Flex molding:
Steel base with flexible vinyl facing, mininum bending radius 6'

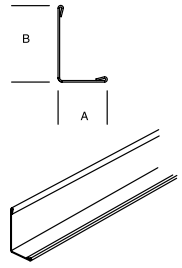


Item #	Length	(A) Flange	(B) Height	(C) Reveal	Lin. Ft./ Ctn.
Angle					
7880_ _*	96"	1"	1"	-	96
7882_ _*	96"	7/8"	15/16"	-	96
7884_ _*	96"	15/16"	15/16"	-	96
7885_ _*	96"	9/16"	1"	-	96
7887	96"	2"	1-1/2"	-	96
Shadow					
7890	96"	3/4"	1-5/8"	3/4"	96
7898	96"	9/16"	1"	3/8"	96



* Available in Black and White.

Angle molding:
Hemmed with prefinished exposed flanges



Item #	Length	(A) Flange	(B) Height	Lin. Ft./ Ctn.
7800_ _*	144"	7/8"	7/8"	360
7800HRC	144"	7/8"	7/8"	360
7802	120"	7/8"	7/8"	300
7803_ _****	144"	7/8"	7/8"	360
7804_ _**	144"	9/16"	7/8"	360
7804HRC	144"	9/16"	7/8"	360
780410	120"	9/16"	7/8"	300
7805	120"	1-1/2"	1-1/2"	300
7807_ _*****	120"	2"	1"	100
7808_ _*****	120"	2"	2"	100
780812	144"	2"	2"	120
7809	144"	15/16"	15/16"	360
7813	120"	3"	1"	200
HD7801_ _***	120"	7/8"	7/8"	300
HD7801G90	120"	7/8"	7/8"	300
SS7801	120"	7/8"	7/8"	300
AL7801	120"	7/8"	7/8"	300
SWA9854HRC	144"	1-1/4"	1-1/4"	144
SWA9898HRC	144"	7/8"	7/8"	144

* Available in Adobe, Black, Brass, Cream, Haze, Mirror, Camel, White, Platinum, Oyster, Pewter, Bronze, Silver, Copper, Wolf, Vanilla, Slate, White Aluminum, and Natural Aluminum

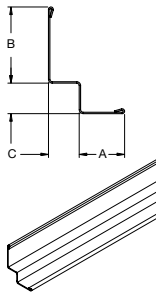
** Available in Black, Cream, Haze, Platinum, White, Camel, Silver Grey, Silver Satin, and Gun Metal Grey

*** Available in Silver Satin, Hot Dipped Clear Galvanized, Silver Grey, Gun Metal Grey, White Aluminum, Natural Aluminum, G90

**** Pre-punched

***** Available in Black, White, Silver Grey, and Gun Metal Grey

Shadow molding:
Hemmed with prefinished exposed flanges

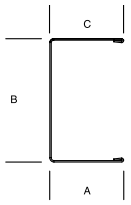


Item #	Length	(A) Flange	(B) Height	(C) Reveal	Lin. Ft./ Ctn.
7823*	120"	2"	1-1/4"	3/4"	100
7871	120"	3/4"	15/16"	3/4"	300
7873	120"	9/16"	15/16"	3/8"	300
7874	120"	9/16"	15/16"	1/4"	300
7875	120"	3/4"	15/16"	1/2"	300
7877*	120"	15/16"	15/16"	1/4"	300
7878*	120"	15/16"	15/16"	3/8"	300
7897*	120"	15/16"	15/16"	1/2"	300

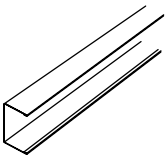
* Suitable for IBC Category D, E, F installations.

NOTE: Shadow molding can be rotated to be used with either flange. For molding corner covers see page 292.

Channel molding:
Hemmed with prefinished exposed flanges



Item #	Length	(A) Flange	(B) Height	(C) Reveal	Lin. Ft./ Ctn.
7830	120"	15/16"	1-15/16"	15/16"	160
7831	120"	15/16"	1-9/16"	15/16"	200
7834	120"	15/16"	1-1/4"	1/2"	240
7835_ _*	120"	7/8"	1-3/4"	9/16"	200
7835SC**	11"	7/8"	1-3/4"	9/16"	150
HD7831WA***	120"	7/8"	1-3/4"	9/16"	200

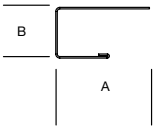


* Available in Gun Metal Grey and Silver Grey

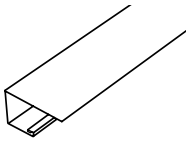
** Unpainted spreader channel

*** White aluminum

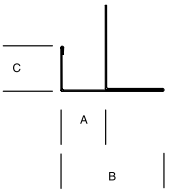
Slip-on molding:
For glue-up tile



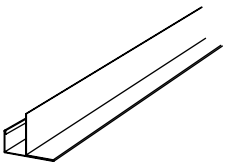
Item #	Length	(A) Flange	(B) Height	Lin. Ft./ Ctn.
7841	120"	1/2"	1/2"	400
7842	120"	1/2"	5/8"	400
7843	120"	1/2"	3/4"	400



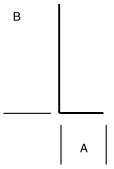
"F" molding:
For 1/2" and 5/8" drywall



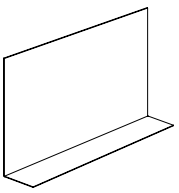
Item #	Length	(A) Width	(B) Face	(C) Flange	Lin. Ft./ Ctn.
7852	120"	1/2"	1-1/16"	7/8"	200
7856	120"	5/8"	1-3/16"	7/8"	200



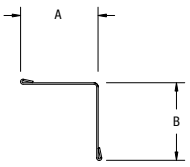
Fascia molding:
Prefinished exposed flanges



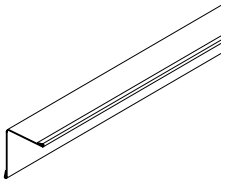
Item #	Length	(A) Flange	(B) Height	Lin. Ft./ Ctn.
7814	120"	1"	4"	50
7816	120"	1"	6"	50
7818	120"	1"	8"	50



Reverse angle molding:
Hemmed with prefinished exposed flanges



Item #	Length	(A) Flange	(B) Height	Lin. Ft./ Ctn.
7857	144"	15/16"	15/16"	360
7858	144"	1-9/16"	15/16"	240



For more information, see submittal BPCS-3296.

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Armstrong®

TRANSITION MOLDINGS

UP TO 30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

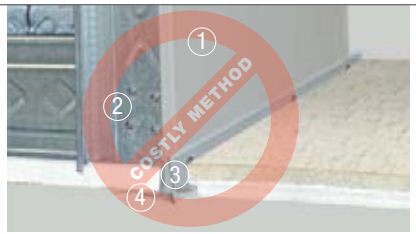
▲ LOCATION DEPENDENT

Transition moldings save time and money.



1 Item: 7907 – 9/16" Tegular Transition Molding

Conventional transition methods waste time and material.



Transition moldings eliminate:

1 Vertical drywall return at the transition
2 Return framing to support drywall return
3 Separate acoustical wall angle installation
4 Corner bead and vertical taping

Why use transition moldings

- Easier to install:
  - Fewer parts and pieces; combines molding with drywall taping flange
  - Pre-punched vertical web to improve screw attachment
  - Knurled and slotted integral taping flange on items 7901, 7902, 7904, 7905, 7906, 7907, 7908 accommodates taping and finishing
- new - Protective film on the face of the wall molding flange of 7904PF and 7905PF facilitates faster, easier mudding, sanding, and taping
- Compatible with all types of framing including Armstrong Drywall Grid and ShortSpan® Drywall Framing System
- Factory-painted to match Armstrong Suspension Systems

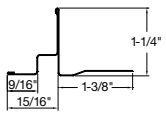
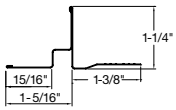
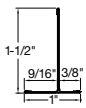
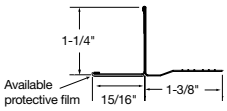
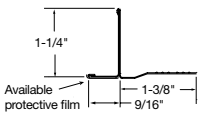
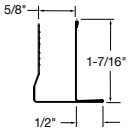
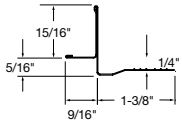
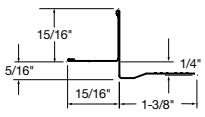
NOTE: Lay out drywall main beams parallel to the transition molding to maintain 4' O.C. hanger wire spacing.

MATERIALS

Commercial-quality cold-rolled, hot-dipped galvanized steel, chemically cleansed.

COLOR

White

Item No.	Description	Lin. Ft./ Ctn.	
7901	9/16" Shadow Reveal Transition Molding 120", 3/8" shadow reveal with 9/16" horizontal flange	120	 
7902	15/16" Shadow Reveal Transition Molding 120", 3/8" shadow reveal with 15/16" horizontal flange	120	 
7903	1" Flush T Transition Molding 120", 1" inverted T for monolithic horizontal transitions	120	 
7904 new **7904PF***	15/16" Flush Transition Molding 120", 15/16" horizontal flange * Protective film applied to face of wall molding for easier finishing	120	 
7905 new **7905PF***	9/16" Flush Transition Molding 120", 9/16" horizontal flange * Protective film applied to face of wall molding for easier finishing	120	 
7906	"F" Vertical Transition Molding 120" vertical transition	120	 
7907	9/16" Tegular Transition Molding 120", 9/16" horizontal flange	120	 
7908	15/16" Tegular Transition Molding 120", 15/16" horizontal flange	120	 

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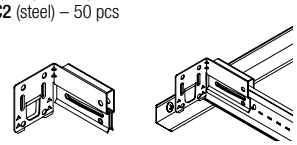
EXPOSED TEE SYSTEM ACCESSORIES

FastShip™ Clips and Accessories

The FastShip Clips and Accessories program offers over 90 items available for overnight or ground delivery direct to the jobsite in full-size or 50-piece cartons. Item numbers beginning with "FZ".

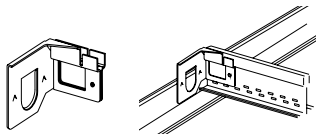
2" Beam End Retaining Clip – Joins main beam or cross tee to wall molding with no visible pop rivets.

ALBERC2 (aluminum) – 200 pcs
FZALBERC2 (aluminum) – 50 pcs
BERC2 (steel) – 200 pcs
FZBERC2 (steel) – 50 pcs



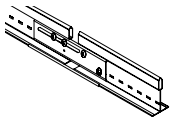
BERC – Beam End Retaining Clip – Joins main beam or cross tee to wall molding with no visible pop rivets.

BERC – 200 pcs
FZBERC – 50 pcs



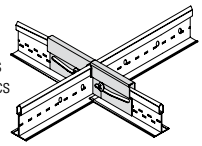
Seismic Joint Clip – Main Beam – Allows the ceiling to be divided at a splice on the main beam to accommodate the IBC mandate for ceiling areas greater than 2500 SF to have seismic separation joints. ES4 expansion sleeve is used to cover 3/4" gap.

SJMR15 for 15/16" – 100 pcs
FZSJMR15 for 15/16" – 50 pcs
SJMR09 for 9/16" – 100 pcs
FZSJMR09 for 9/16" – 50 pcs



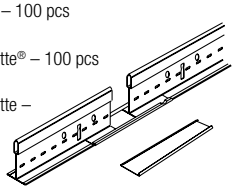
Seismic Joint Clip Cross Tee – Offers a tested seismic solution for separation joints in Seismic Category D, E, and F installations.

SJCG (PeakForm®) – 200 pcs
FZSJCG (PeakForm) – 50 pcs
SJCSI (square bulbs) – 200 pcs
FZSJCSI (square bulbs) – 50 pcs



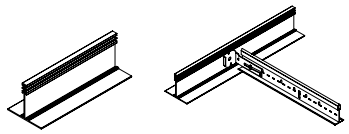
Expansion Sleeves

ES4 – for 15/16" Prelude® – 100 pcs
FZES4 – 50 pcs
ES9 – for 9/16" Suprafine® – 100 pcs
FZES9 – 50 pcs
ES76004 – for 1/4" Silhouette® – 100 pcs
FZES76004 – 50 pcs
ES76008 – for 1/8" Silhouette – 100 pcs
FZES76008 – 50 pcs



AXSJ – Axiom® Slip Joint – Used to join two acoustical ceiling systems on seismic D, E, F installations. Can also be used to join two different ceiling systems. Hanger wire holes every 6", beginning 3" from each end.

AXSJ – 120" LF/each



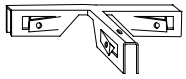
STAC – Single Tee Adapter Clip – Used to create code compliant non-seismic and seismic C and D, E, F off-module single tee to main beam connection.

STAC – 120 pcs
FZSTAC – 50 pcs



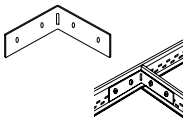
GC3W – Grip Clip 3-Way – Joins main beams to cross tee via locking barbs without pop rivets or screws.

GC3W – 250 pcs
FZGC3W – 50 pcs



XTAC – Cross Tee Adapter Clip – Used to attach field-cut cross tees to main beams

XTAC – 100 pcs
FZXTAC – 50 pcs



GCWA – Grip Clip Wall Attachment – Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.

GCWA – 250 pcs
FZGCWA – 50 pcs

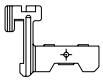


Closure Clips

MCC4 for Silhouette 1/4" reveal – 200 pcs
FZMCC4 – 50 pcs
MCC8 for Silhouette 1/8" reveal – 200 pcs
FZMCC8 – 50 pcs
IES3 for Interlude – 200 pcs
FZIES3 – 50 pcs

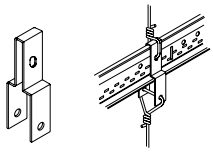
C1430 – Variable Placement Hook Clip – Attach to T-Bar to create special length tees and position anywhere along the main beams.

C1430 – 200 pcs
FZC1430 – 50 pcs



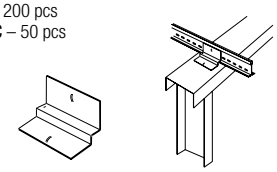
DLCC – Direct Load Ceiling Clip – To hang suspension system below existing 15/16" grid face, transferring weight directly to hanger wire; may be used to preserve the fire rating of an existing ceiling and to support heavy accessories.

DLCC – 250 pcs
FZDLCC – 50 pcs



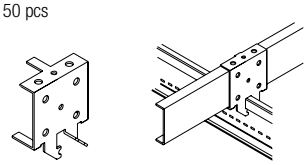
UPC – Partition Clip – Fastens partition track section to suspension system for secure attachment; flip for 9/16" or 15/16" suspension system.

UPC – 200 pcs
FZUPC – 50 pcs



UTC – Uptight Clip – For tight suspension system attachment to 1-1/2" channel; bridging under HVAC ducts; can be used to install the suspension system tight to wood joists.

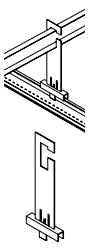
UTC – 250 pcs
FZUTC – 50 pcs



Channel Beam Splice – Used to suspend main beams to 1-1/2" black iron carrying channels.

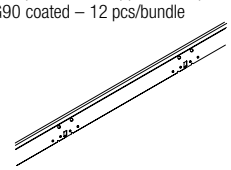
CBS4 (4") – 100pcs; **FZCBS4** – 50 pcs
CBS6 (6") – 100pcs; **FZCBS6** – 50 pcs
CBS8 (8") – 100pcs; **FZCBS8** – 50 pcs
CBS10 (10") – 100pcs; **FZCBS10** – 50 pcs
CBS12 (12") – 75pcs; **FZCBS12** – 50 pcs

For 2" Black Iron
CBS2004A (4") – 75pcs; **FZCBS2004A** – 50 pcs
CBS2006A (6") – 75pcs; **FZCBS2006A** – 50 pcs
CBS2008A (8") – 75pcs; **FZCBS2008A** – 50 pcs



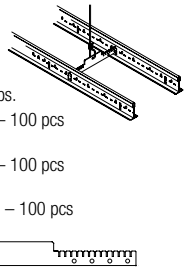
SH12 – PeakForm® Support Hanger – For suspension systems 12" knock out at 12" on-center.

SB12 Square Bulb Support Hanger – 12 pcs/bundle
SB12G90 Square Bulb Support – 12 pcs/bundle
Hanger G90 coated – 12 pcs/bundle



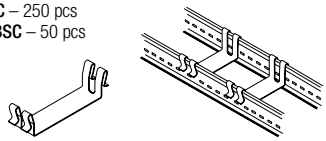
Adjustable Grid Spacer Clip – Used to space two parallel main beams for light fixtures, air diffusers, etc.; allows for 1/4" adjustments with three different clips.

GSC9 1-4" Main Beam Spacing – 100 pcs
FZGSC9 – 50 pc
GSC12 4-8" Main Beam Spacing – 100 pcs
FZGSC12 – 50 pc
GSC16 8-16" Main Beam Spacing – 100 pcs
FZGSC16 – 50 pc



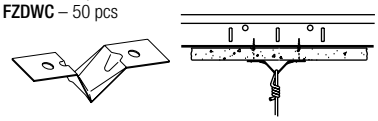
ABSC – Air Bar Spacer Clip – Parallel attachment of main beams; evenly spaces suspension system members for air diffuser; available in sizes from 1-7/8" to 6" in 1/8" increments.

ABSC – 250 pcs
FZABSC – 50 pcs



DWC – Drywall Clip – Allows for a "second" ceiling to be installed below a drywall ceiling; attach through installed drywall to supporting structure; DWC approved for use in UL Designs P237, P239, P240, and P241.

DWC – 250 pcs
FZDWC – 50 pcs



7876 – Field Route Tool
1 pcs

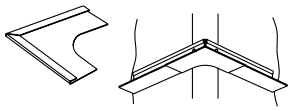
ARPLUG – Cross Tee Plug Clip
80 pcs

EXPOSED TEE SYSTEM ACCESSORIES

7866 – Bullnose Corner Cover – For nominal 7/8" molding; snap over molding to trim outside corners; fits 1" radius block; 2" legs.

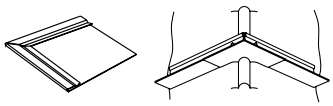
7864 – Bullnose Corner Cover – For nominal 7/8" molding; fits 3/4" radius block; 2" legs.

7866 – 100 pcs
FZ7866 – 50 pcs
7864 – 100 pcs
FZ7864 – 50 pcs



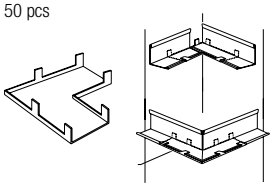
7867 – Field-Cut Corner Cover – For nominal 15/16" molding; cut to fit irregular corner conditions; 2" legs.

7867 – 100 pcs
FZ7867 – 50 pcs



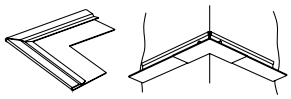
7869 – Inside/Outside Corner Cover – For nominal 7/8" angle molding; 1-3/4" legs.

7869 – 50 pcs



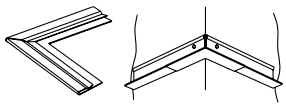
7863 – Outside Corner Cover – For nominal 7/8" angle molding; snap over molding to trim outside corners; 2" legs.

7863 – 100 pcs
FZ7863 – 50 pcs



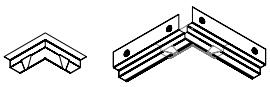
7865 – Outside Corner Cover – For nominal 9/16" angle molding; snap over molding to trim outside corners; 2" legs.

7865 – 100 pcs
FZ7865 – 50 pcs



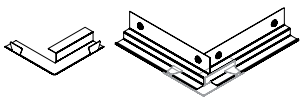
Shadow Mold – Inside Corner – Snaps over mold to easily trim inside corner:

7874IC use with 7874 – 100 pcs; **FZ7874IC** – 50 pcs
7861 use with 7873 – 100 pcs; **FZ7861** – 50 pcs
877IC use with 7877 – 100 pcs; **FZ877IC** – 50 pcs
7878IC use with 7878 – 100 pcs; **FZ7878IC** – 50 pcs



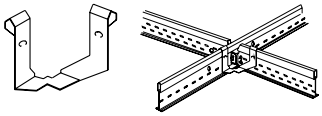
Shadow Mold – Outside Corner – snaps over mold to easily trim outside corner:

78740C use with 7874 – 100 pcs; **FZ78740C** – 50 pcs
7862 use with 7873 – 100 pcs; **FZ7862** – 50 pcs
7877OC use with 7877 – 100 pcs; **FZ7877OC** – 50 pcs
7878OC use with 7878 – 100 pcs; **FZ7878OC** – 50 pcs



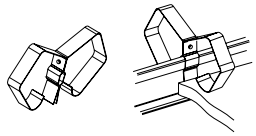
LFC – Fixture Clip – Prefinished White for use at corners of light fixture modules on 9/16" exposed tee suspension systems (Suprafine®, Interlude®, Silhouette®); increases corner size to 15/16" which adapts light fixtures designed for 15/16" the suspension system; used when fixtures are not positively attached to the suspension system.

LFC – 80 pcs; **FZLFC** – 50 pcs



414 – Retention Clip – Attaches to main beams and cross tees behind lay-in ceiling; helps prevent accidental panel displacement by basketballs and other forces from below the ceiling.

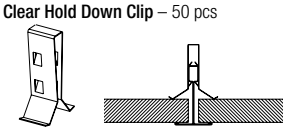
414 – 100 pcs
FZ414 – 50 pcs



UHDC – Universal Hold Down Clip – Attaches to top bulb of the suspension system to hold 1/16" to 5/8" lay-in panel in place; helps to prevent ceiling panel fluttering at entryways.

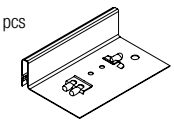
UHDC – Universal Hold Down Clip – 1,000 pcs
FZUHDC – Universal Hold Down Clip – 50 pcs

CHDC – Clear Hold Down Clip – 50 pcs



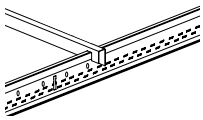
DW58LT – Transition Clip for Drywall – Facilitates transition from drywall to acoustical ceiling; one-sided hold down clip; eliminates need for drywall bead. Locking tabs provide secure location for DGS tees.

DW58LT – for 5/8" Drywall – 125 pcs
FZDW58LT – 50 pcs
DW50LT – for 1/2" Drywall – 125 pcs
FZDW50LT – 50 pcs



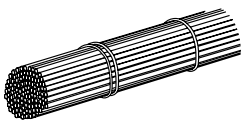
7445 – 48" Stabilizer Bar – 100 pcs; **7445** – 50 pcs
7425 – 24" Stabilizer Bar – 100 pcs; **7425** – 50 pcs

Used to maintain uniform spacing of suspension system components (main beams and cross tees).



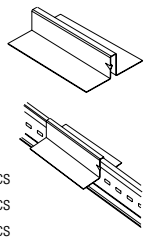
7891 – 12 Gauge Soft Hanger Wire (12' length) – Used to hang suspended ceilings from structure.

7891 – 140 pcs
FZ7891 – 50 pcs



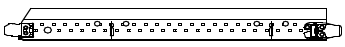
EHDC50 – Exterior Hold Down Clip for 1/2" lay-in ceiling panels and drywall;
EHDC58 – Exterior Hold Down Clip for 5/8" lay-in ceiling panels and drywall;
EHDC75 – Exterior Hold Down Clip for 3/4" lay-in ceiling panels and drywall; locks under bulb of suspension system member to prevent upward movement.

EHDC50 – 125 pcs; **FZEHDC50** – 50 pcs
EHDC58 – 125 pcs; **FZEHDC58** – 50 pcs
EHDC75 – 125 pcs; **FZEHDC75** – 50 pcs



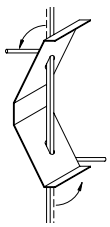
GA7327 – Grid Adapter – Allows for easy directional changes of Prelude® main beams; 27" long component has two different end details. One end has a SuperLock™ clip with a route 3" from the end, opposite end has an XL2 clip with override end detail. This enables the adapter to be connected to either end of a Prelude main beam or plugged into a route location on a main beam or cross tee.

GA7327 – 60 pcs

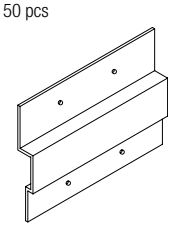


WS12 – Hanger Wire Splice – Splices 12-gauge hanger wire; recommended for renovation applications; provides easy adjustment of ceiling height.

WS12 – 1,000 pcs
FZWS12 – 50 pcs



BAGG90A – Wind Uplift Clip – 250 pcs
FZBAGG90A – 50 pcs



12 lb. Aircraft Cable and Connectors
AC1210 – 10' length
AC1215 – 15' length
AC1220 – 20' length
ACHC – Cable Quick Loop Connector
1 pc each

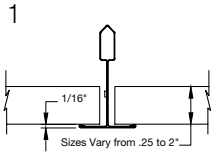
LEED® is a registered trademark of the US Green Building Council

CEILING/SUSPENSION SYSTEM INTERFACE DRAWINGS

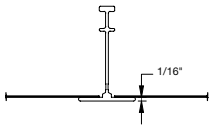
RECOMMENDED MOLDING KEY:

A – Installs with any flex molding, angle molding, shadow molding from moldings pages 291-292
B – 7800, 7874 or seismic 7877
C – ES7801 or EA7801
D – 7800, 7873, 7878
E – 7855, 7835SC
F – 7804, 7873 or seismic 7800, 7877
G – 7804, 7873 or seismic 7800 or 7878
H – 7800 or Shadow 7875, 7897

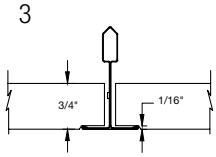
15/16" LAY-IN & FLUSH TEGULAR EDGE DETAILS

1


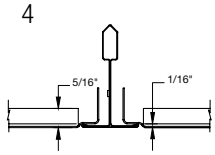
Square Lay-in for 15/16" PRELUDE®
Molding A

2


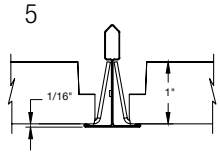
Lay-in for 15/16" SERPENTINA®
No molding recommended

3


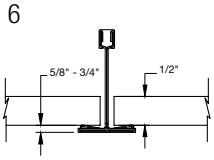
Flush Tegular for 15/16" PRELUDE
Molding A

4


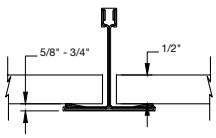
METALWORKS Flush Tegular for 15/16" PRELUDE
Molding E

5


SecureLock for 15/16" METALWORKS™
Molding 5656WH

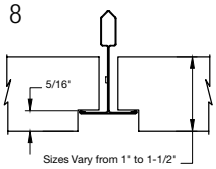
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Square Lay-in for 15/16" Clean Room™
Molding C

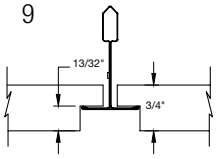
7


Square Lay-in for 1-1/2" Clean Room
Molding C

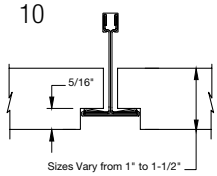
15/16" TEGULAR EDGE DETAILS

8


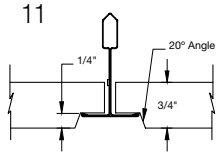
Square Tegular for 15/16" PRELUDE
Molding B

9


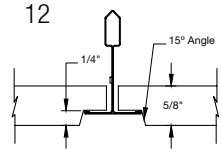
Square Tegular for 15/16" PRELUDE
Molding B

10


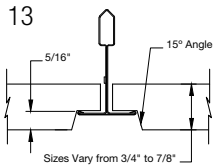
Square Tegular for 15/16" Clean Room
Molding C

11


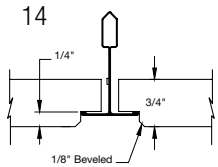
Angled Tegular for 15/16" PRELUDE (Second Look®: Cortega®, Dune™, Fine Fissured™, Mesa)
Molding B

12


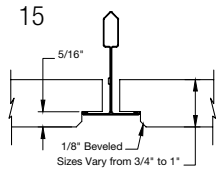
Angled Tegular for 15/16" PRELUDE
Molding B

13


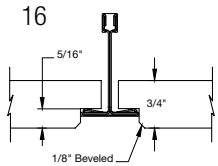
Angled Tegular for 15/16" PRELUDE
Molding B

14


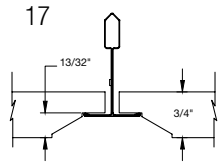
Beveled Tegular for 15/16" PRELUDE (Cirrus®, Second Look)
Molding B

15


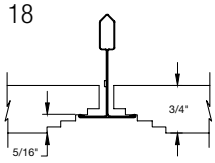
Beveled Tegular for 15/16" PRELUDE
Molding B

16


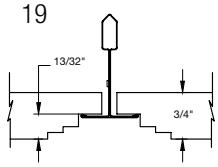
Beveled Tegular for 15/16" Clean Room (Ultima® Health Zone™)
Molding C

17


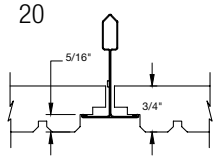
Chamfered Tegular for 15/16" PRELUDE
Molding D

18


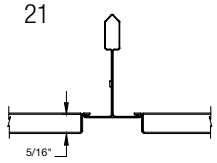
Stepped Tegular for 15/16" PRELUDE
Molding B

19


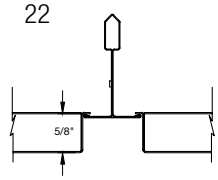
Stepped Tegular for 15/16" PRELUDE (626 only)
Molding D

20


Linear/Cubic Beveled GRAPHIS® for 15/16" PRELUDE
Molding B

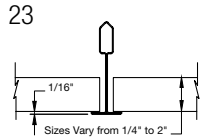
21


METALWORKS 5/16" Square Tegular for 15/16" PRELUDE
Molding E

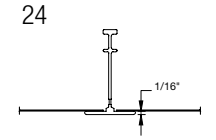
22


METALWORKS 5/8" Square Tegular for 15/16" PRELUDE
Molding E

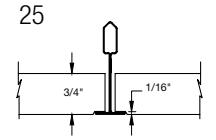
9/16" LAY-IN & FLUSH TEGULAR EDGE DETAILS

23


Square Lay-in for 9/16" SUPRAFINE®
Molding F

24


Lay-in for 9/16" SERPENTINA
No molding recommended

25


Flush Tegular for 9/16" SUPRAFINE
Molding F

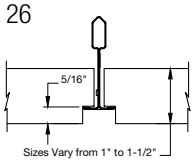
CEILING/SUSPENSION SYSTEM INTERFACE DRAWINGS

RECOMMENDED MOLDING KEY:

A – Installs with any flex molding, angle molding, shadow molding from moldings pages 291-292
B – 7800, 7874 or seismic 7877
C – ES7801 or EA7801
D – 7800, 7873, 7878
E – 7855, 7835SC
F – 7804, 7873 or seismic 7800, 7877
G – 7804, 7873 or seismic 7800 or 7878
H – 7800 or Shadow 7875, 7897

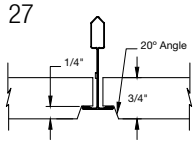
9/16" TEGULAR EDGE DETAILS

26



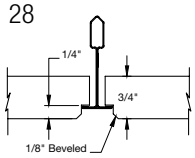
Square Tegular for 9/16" SUPRAFINE®
Molding F

27



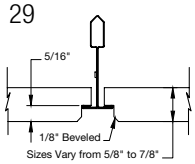
Angled Tegular for 9/16" SUPRAFINE (Second Look®: Cortega®, Dune™, Fine Fissured™)
Molding F

28



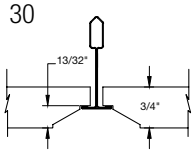
Beveled Tegular for 9/16" SUPRAFINE (Cirrus®, Second Look)
Molding F

29



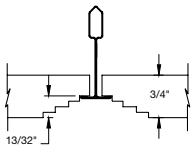
Beveled Tegular for 9/16" SUPRAFINE
Molding F

30



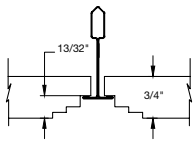
Chamfered Tegular for 9/16" SUPRAFINE
Molding G

31



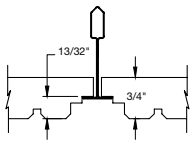
Stepped Tegular for 9/16" SUPRAFINE (591)
Molding G

32



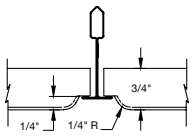
Stepped Tegular for 9/16" SUPRAFINE (585)
Molding G

33



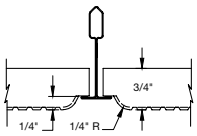
Linear/Cubic Beveled GRAPHIS® for 9/16" SUPRAFINE
Molding G

34



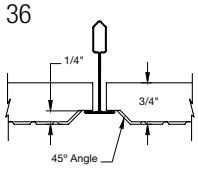
Wrapped Linear GRAPHIS for 9/16" SUPRAFINE
Molding F

35



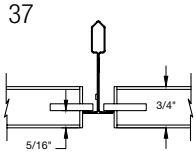
NeoCubic GRAPHIS for 9/16" SUPRAFINE
Molding F

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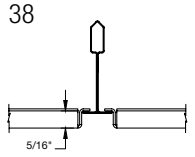
Cubic GRAPHIS for 9/16" SUPRAFINE
Molding F

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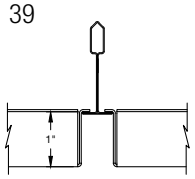
WOODWORKS® Tegular for 9/16" SUPRAFINE
Molding F

38



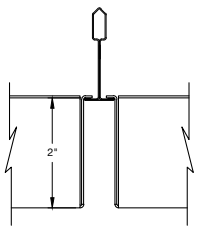
METALWORKS™ 3D (7220) and METALWORKS Tegular (6464) for 9/16" SUPRAFINE
Molding E

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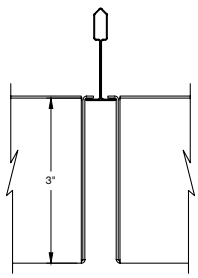
METALWORKS 3D (7220DNI) for 9/16" SUPRAFINE
No molding recommended

40



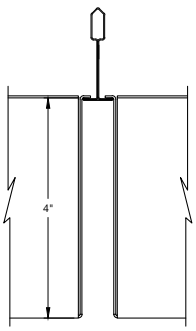
METALWORKS 3D (7220DN2) for 9/16" SUPRAFINE
No molding recommended

41



METALWORKS 3D (7220DN3) for 9/16" SUPRAFINE
No molding recommended

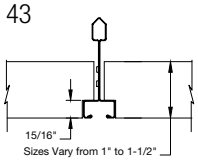
42



METALWORKS 3D (7220DN4) for 9/16" SUPRAFINE
No molding recommended

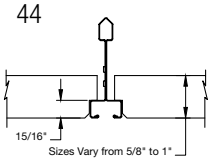
9/16" – 1/4" SILHOUETTE® XL EDGE DETAILS

43



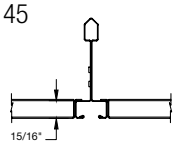
Square Tegular for 9/16" SILHOUETTE 1/4" Reveal
Molding F

44



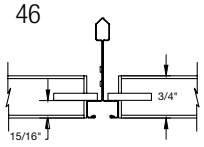
Beveled Tegular for 9/16" SILHOUETTE 1/4" Reveal
Molding F

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METALWORKS 9/16" Square Tegular for SILHOUETTE 1/4" Reveal
Molding E

46



WOODWORKS 9/16" Square Tegular for SILHOUETTE 1/4" Reveal
Molding F

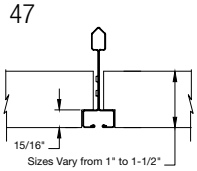
CEILING/SUSPENSION SYSTEM INTERFACE DRAWINGS

RECOMMENDED MOLDING KEY:

A – Installs with any flex molding, angle molding, shadow molding from moldings pages 291-292
B – 7800, 7874 or seismic 7877
C – ES7801 or EA7801
D – 7800, 7873, 7878
E – 7855, 7835SC
F – 7804, 7873 or seismic 7800, 7877
G – 7804, 7873 or seismic 7800 or 7878
H – 7800 or Shadow 7875, 7897

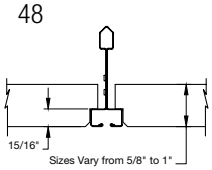
9/16" – 1/8" SILHOUETTE® XL® EDGE DETAILS

47



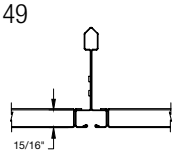
Square Tegular for 9/16" SILHOUETTE 1/8" Reveal
Molding F

48



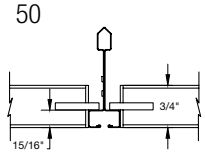
Beveled Tegular for 9/16" SILHOUETTE 1/8" Reveal
Molding F

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METALWORKS™ 5/16" Square Tegular for SILHOUETTE 1/8" Reveal
Molding E

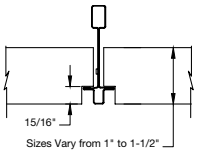
50



WOODWORKS® Square Tegular for SILHOUETTE 1/8" Reveal
Molding F

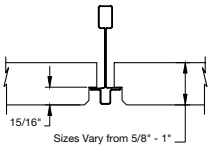
9/16" INTERLUDE® XL EDGE DETAILS

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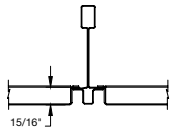
Square Tegular for 9/16" INTERLUDE
Molding F

52



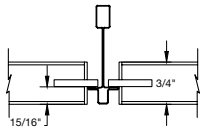
Beveled Tegular for 9/16" INTERLUDE
Molding F

53



METALWORKS 5/16" Square Tegular for INTERLUDE XL HRC
Molding E

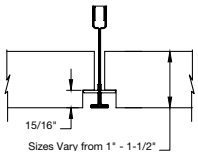
54



WOODWORKS Square Tegular for INTERLUDE XL HRC
Molding F

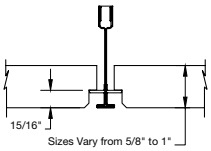
9/16" SONATA® XL EDGE DETAILS

55



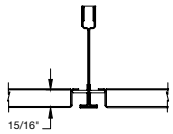
Square Tegular for 9/16" SONATA
Molding F

56



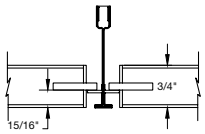
Square Tegular for 9/16" SONATA
Molding F

57



METALWORKS 5/16" Square Tegular for SONATA
Molding E

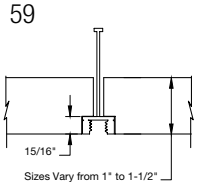
58



WOODWORKS Square Tegular for SONATA
Molding F

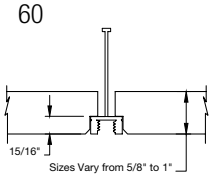
9/16" TRIMLOK® EDGE DETAILS

59



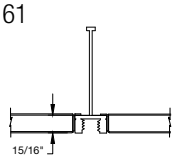
Square Tegular for 9/16" TRIMLOK
Molding 2128 or 2129

60



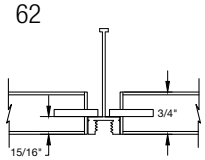
Square Tegular for 9/16" TRIMLOK
Molding 2128 or 2129

61



METALWORKS 5/16" Square Tegular for TRIMLOK
Molding 2128 or 2129

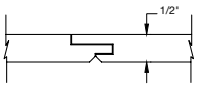
62



WOODWORKS Square Tegular for TRIMLOK
Molding 2128 or 2129

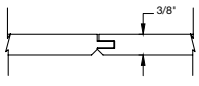
TONGUE-AND-GROOVE EDGE DETAILS

63



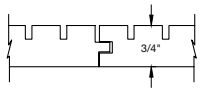
Tongue-and-Groove Beveled Edge Tile
No molding recommended

64



Beveled Tongue-and-Groove LINEAGE™ Wood Looks
No molding recommended

65



Tongue-and-Groove WOODWORKS Channeled
Molding 7805

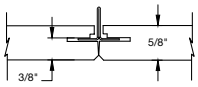
CEILING/SUSPENSION SYSTEM INTERFACE DRAWINGS

RECOMMENDED MOLDING KEY:

A – Installs with any flex molding, angle molding, shadow molding from moldings pages 291-292
B – 7800, 7874 or seismic 7877
C – ES7801 or EA7801
D – 7800, 7873, 7878
E – 7855, 7835SC
F – 7804, 7873 or seismic 7800, 7877
G – 7804, 7873 or seismic 7800 or 7878
H – 7800 or Shadow 7875, 7897

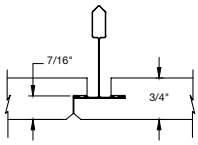
CONCEALED SUSPENSION EDGE DETAILS

66



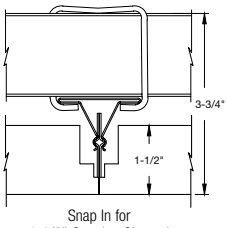
Beveled Edge K4C4 Tile for Concealed Tee
Molding 7800

67



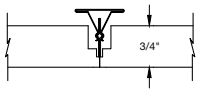
ULTIMA® Plank Shiplap Long Edge
Molding 7800

68



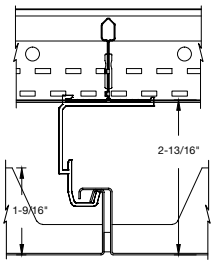
Snap In for 1-1/2" Carrying Channel
Molding 7125

69



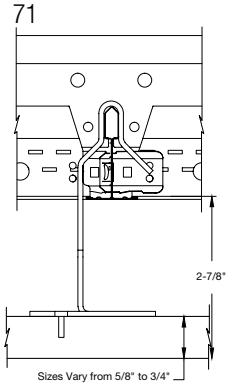
Snap In for 15/16" PRELUDE®
Molding 7125

70



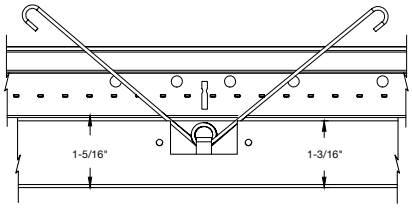
METALWORKS™ Plank

71



Concealed for 15/16" PRELUDE, WOODWORKS® Concealed, WOODWORKS Tapered Linear, METALWORKS Concealed
Molding 7800

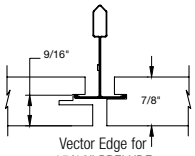
72



Standard METALWORKS Torsion Spring for 15/16" PRELUDE
Molding 7125

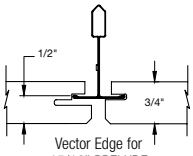
VECTOR® EDGE DETAILS

73



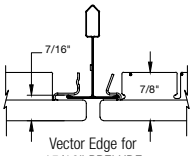
Vector Edge for 15/16" PRELUDE (OPTIMA® Vector)
Molding H

74



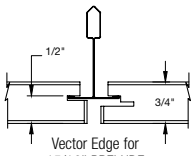
Vector Edge for 15/16" PRELUDE (ULTIMA Vector)
Molding H

75



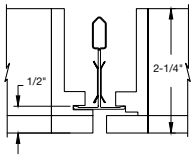
Vector Edge for 15/16" PRELUDE (METALWORKS Vector)
Molding D

76



Vector Edge for 15/16" PRELUDE (WOODWORKS Vector)
Molding 7800

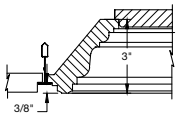
77



WOODWORKS Open Cell Vector
Molding 7800

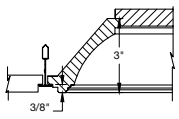
METAPHORS® EDGE DETAILS

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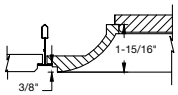
METAPHORS Crown Coffer for 9/16" SUPRAFINE®

79



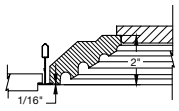
METAPHORS Cove Coffer for 9/16" SUPRAFINE

80



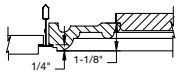
METAPHORS Convex Coffer for 9/16" SUPRAFINE

81



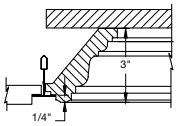
METAPHORS Linear Coffer for 9/16" SUPRAFINE

82



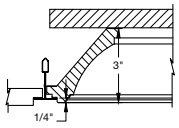
METAPHORS Bead Coffer for 9/16" SUPRAFINE

83



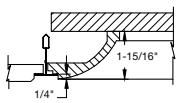
METAPHORS Crown Coffer for 15/16" PRELUDE

84



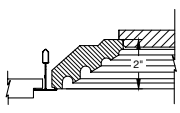
METAPHORS Cove Coffer for 15/16" PRELUDE

85



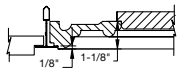
METAPHORS Convex Coffer for 15/16" PRELUDE

86



METAPHORS Linear Coffer for 15/16" PRELUDE

87



METAPHORS Bead Coffer for 15/16" PRELUDE

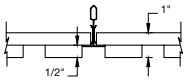
CEILING/SUSPENSION SYSTEM INTERFACE DRAWINGS

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C – ES7801 or EA7801
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E – 7855, 7835SC
F – 7804, 7873 or seismic 7800, 7877
G – 7804, 7873 or seismic 7800 or 7878
H – 7800 or Shadow 7875, 7897

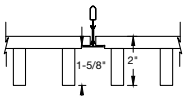
OTHER EDGE DETAILS

88



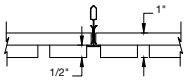
WOODWORKS® Grille Tegular
Horizontal slats for
15/16" PRELUDE
Molding H

89



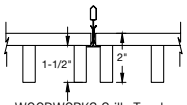
WOODWORKS Grille Tegular
Vertical slats for
15/16" PRELUDE
Molding H

90



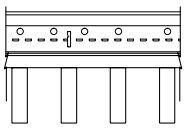
WOODWORKS Grille Tegular
Horizontal slats for
9/16" SUPRAFINE
Molding F

91



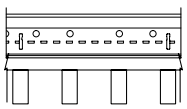
WOODWORKS Grille Tegular
Vertical slats for
9/16" SUPRAFINE
Molding F

92



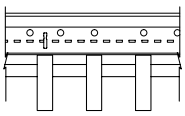
WOODWORKS Grille Backer
6 slats – 2-1/4"
Molding 7800 only

93



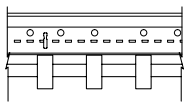
WOODWORKS Grille Backer
6 slats – 1-3/8"
Molding 7800 only

94



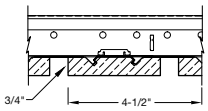
WOODWORKS Grille Dowel
6 slats – 2-1/4"
Molding 7800 only

95



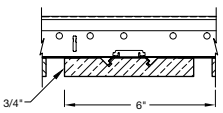
WOODWORKS Grille Dowel
6 slats – 1-3/8"
Molding 7800 only

96



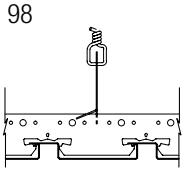
WOODWORKS Linear – 4-1/2" Module
Molding 7800 only

97



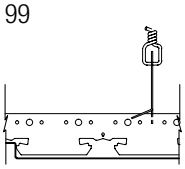
WOODWORKS Linear – 6" Module
Molding 7800 only

98



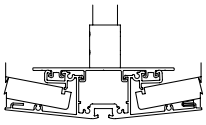
METALWORKS™ Linear – 4"
Molding 5572

99



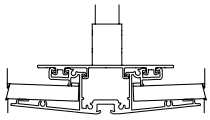
METALWORKS Linear – 8"
Molding 5572

100



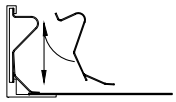
METALWORKS™ Wings™
No molding recommended

101



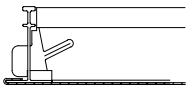
INFUSIONS® Wings™
No molding recommended

102



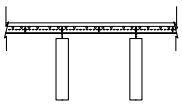
SERPENTINA®
Perimeter Trim

103



SERPENTINA® Vault

104



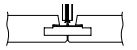
SOUNDSCAPES® Blades™

105

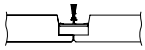


METALWORKS Tin Nail-up

106



Quick Kerf™ Edge



Non-support Edge

OPTIMA® Concealed

trim & transitions



Optima® 48" x 48" panels and Silhouette® 9/16" suspension system with Axiom® Classic 6" trim with custom curves; Wichita State University Rhatigan Student Center, Wichita, KS
Howard + Helmer Architecture, Wichita, KS

AXIOM® TRIM & TRANSITIONS
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

AXIOM® TRIM & TRANSITIONS



AXIOM® Building Perimeter System
Pgs. 303-308



AXIOM® Classic
Pgs. 309-310



AXIOM® Glazing Channel
Pg. 312



AXIOM® Interlude®
Pg. 313



AXIOM® Knife Edge®
Pg. 314



AXIOM® Direct Light Cove
Pg. 315



AXIOM® Indirect Light Cove
Pg. 315A-315B



AXIOM® Drywall Trim
Pg. 311



AXIOM® Paired
Pg. 316



AXIOM® Profiled
Pg. 317



AXIOM® Soft Edge
Pg. 318



AXIOM® Transitions
Pg. 319



AXIOM® Vector®
Pg. 320



AXIOM® Moldings & Column Rings
Pg. 321

ICON KEY

Icons are used throughout the catalog to help you quickly identify key product attributes.

Seismic

DEF Category D, E & F

Color Availability

Available in color

NOTE: Add 2-digit color suffix to the item number when specifying or ordering Axiom trim with standard face-painted colors.
(Example: **AX16STR H A**)

Axiom item numbers may include an extra digit "3" before the color suffix if paint is required inside and outside of the trim.

AX16STR 3 HA
ITEM — 360° Painted — Haze

Use an extra suffix (W – white, or B – black) before color suffix when ordering film finishes to designate the color background.

AX16STR W BB
ITEM — white background — Buffed Bronze

NOTE: White is standard color for all Axiom products.

Reference individual Axiom product line data pages for specific color and finish availability.

Custom colors and finishes are available. Contact Axiom Customer Service at 1 800-840-8521.

AXIOM® COLORS
At-a-Glance

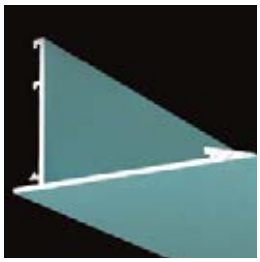
STANDARD COLORS
Due to printing limitations, shade may vary from actual product.

White (WH) | Cream (CR) | Haze (HA) | Adobe (AD) | Camel (CM) | Platinum (PL) | Tech Black (BL) | Silver Satin (SA) | Silver Grey (SG) | Gun Metal Grey (MY) | Wolf (WK) | Vanilla (VA) | Slate (ST) | RAL and Custom Colors Available

new COLORATIONS™
(Coordinates with Calla™ Colorations™ ceiling panels and Suprafine® suspension systems)

Shell (SH) | Pale Lemon (LM) | Pecan (PC) | Sky (SK) | Moss (MS) | Stone (SE) | Reef (RE) | Lagoon (LA) | Plum (PM) | Cranberry (CN) | Kiwi (KW) | Tangerine (TG) | Black (BK) | Made-to-order Sherwin-Williams® Colors Available





Refer to BPCS-3996 Axiom Color Chart for new Colorations finishes, available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system which coordinate with select Axiom trim systems.

ARCHITECTURAL FILM FINISHES
(Available with white or black background)

Brushed Anodized (BA) | Buffed Bronze (BB) | Brushed Gun Metal (BG) | Etched Gun Metal (EG) | Mottled Silver Grey (MG)

NOTE: White is standard color for all AXIOM products.

new BLIZZARD WHITE FINISH

Blizzard White (ZW)

NOTE: Blizzard White finish available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

RAL is a registered trademark of RAL gGmbH
Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

AXIOM® Building Perimeter System
Shade Pockets, Extensions, and Face Plates



This pre-engineered extruded aluminum building perimeter trim integrates air distribution, draperies, blinds, mechanical shades, or changes in ceiling elevations – without any visible fasteners.

KEY SELECTION ATTRIBUTES

- Works with Armstrong® acoustical and drywall suspension systems
- Provides an aesthetic platform to integrate functions such as drapery pockets, air distribution, and changes in ceiling elevation
- Allows quality control at the perimeter, reduces time required to detail and specify the integration of perimeter solutions
- Reduces risk associated with field fabricated, labor-intensive accommodation of air distribution, window pockets, and ceiling elevation changes at the perimeter of a building
- Replaces the framing, boarding, taping, mudding, sanding, and painting commonly used for drywall pockets
- Custom slotting, perforating, and cutting available
- 30-year limited warranty
- Seismic systems available

COLOR

White (WH)



Standard Axiom and custom colors available.

Titus
The Leader in Air Management

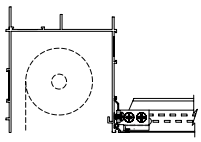
Titus compatible plenum slot diffusers

PERIMETER OPTIONS



A

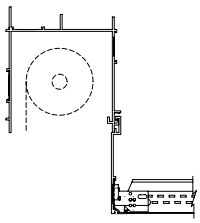
Perimeter Pockets for a clean, seamless transition





B

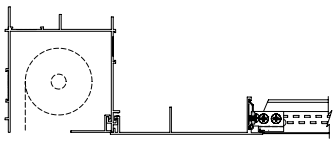
For smooth changes in ceiling elevations, use Perimeter Pockets with extensions





C

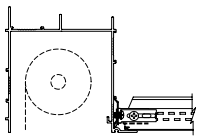
For air distribution next to windows and walls, use slotted face plates





D

Complete seismic solutions available (shown above with 2" closure clip)



Titus is a trademark of titus manufacturing corporation

Armstrong®

AXIOM® Building Perimeter System
Shade Pockets and Face Plates

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

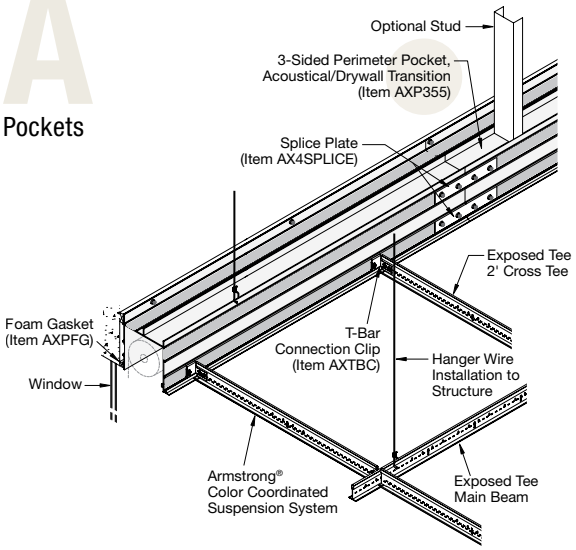
energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT

SPECIFY THE OPTION THAT FITS YOUR PROJECT

A

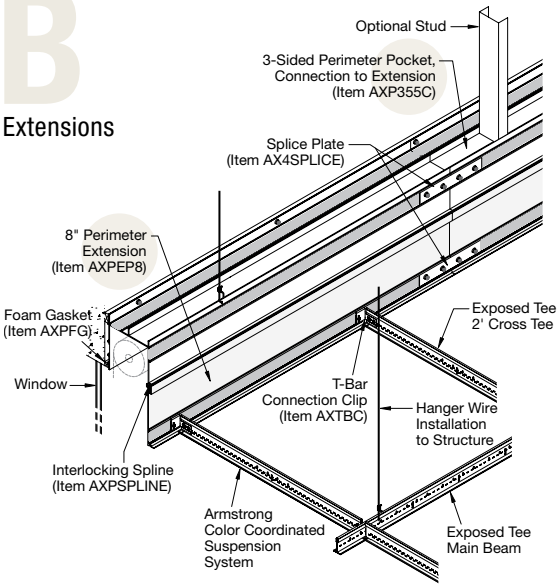
Pockets



Item Number	Description
AXP355	3-Sided Perimeter Pocket, Acoustical/Drywall Transition
AX4SPLICE	Axiom® Splice Plates with Setscrews
AXPFG	Axiom Building Perimeter Foam Gasketing
AXTBC	Axiom T-Bar Connection Clip

B

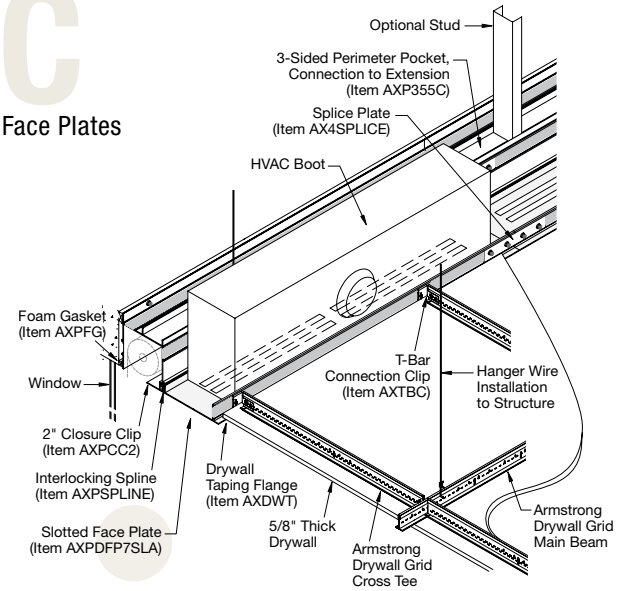
Extensions



Item Number	Description
AXP355C	3-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece
AXPEP8	Axiom 8" Perimeter Extension
AX4SPLICE	Axiom Splice Plates with Setscrews
AXPFG	Axiom Building Perimeter Foam Gasketing
AXTBC	Axiom T-Bar Connection Clip
AXPSPLINE	Axiom Interlocking Spline

C

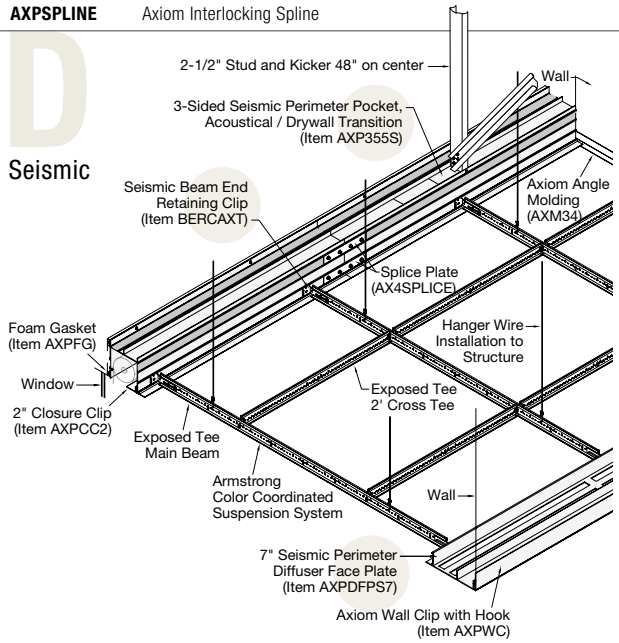
Face Plates



Item Number	Description
AXP355C	3-Sided Perimeter Pocket, Connection to Extension/Facwe Plate Piece
AXPDFP7SLA	Axiom Perimeter Diffuser Face Plate – 2-Slot Pattern
AX4SPLICE	Axiom Splice Plates with Setscrews
AXPFG	Axiom Building Perimeter Foam Gasketing
AXPCC2	Axiom 2" Building Perimeter Closure Clip (optional)
AXTBC	Axiom T-Bar Connection Clip
AXPSPLINE	Axiom Interlocking Spline
AXDWT	Drywall Taping Flange

D

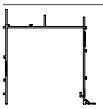
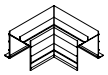
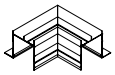
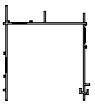
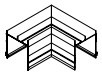
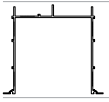
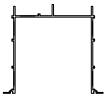
Seismic



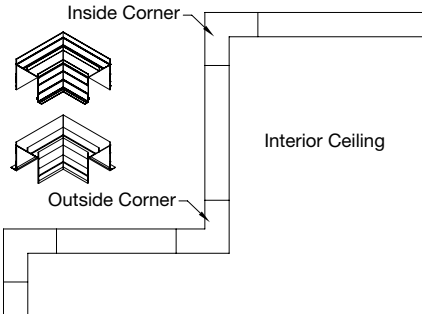
Item Number	Description
AXP355S	3-Sided Seismic Perimeter Pocket, Acoustical/Drywall Transition
AX4SPLICE	Axiom Splice Plates with Setscrews
AXPFG	Axiom Building Perimeter Foam Gasketing
AXPCC2	Axiom 2" Building Perimeter Closure Clip
BERCAXT	Axiom Beam End Retaining Clip

AXIOM® Building Perimeter System
Shade Pockets

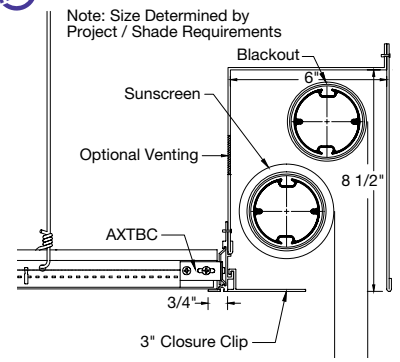
3-SIDED PERIMETER POCKETS AND CORNERS

	Item Number	Description	Dimensions	Length
3-Sided Perimeter Pockets				
	**AXP355**	3-Sided Perimeter Pocket, Acoustical/Drywall Transition	5 x 5 x 5"	120"
	**AXP355OSC**	3-Sided Perimeter Pocket, Acoustical/Drywall Transition – Outside Corner	12 x 5 x 12"	12"
	**AXP355ISC**	3-Sided Perimeter Pocket, Acoustical/Drywall Transition – Inside Corner	12 x 5 x 12"	12"
	**AXP355S**	3-Sided Seismic Perimeter Pocket, Acoustical/Drywall Transition with 0.875" Flange	5 x 5 x 5"	120"
	**AXP355SOSC**	3-Sided Seismic Perimeter Pocket, Acoustical/Drywall Transition with 0.875" Flange – Outside Corner	12 x 5 x 12"	12"
	**AXP355SISC**	3-Sided Seismic Perimeter Pocket, Acoustical/Drywall Transition with 0.875" Flange – Inside Corner	12 x 5 x 12"	12"
	**AXP355C**	3-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece	5 x 5 x 5"	120"
	**AXP355COSC**	3-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece – Outside Corner	12 x 5 x 12"	12"
	**AXP355CISC**	3-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece – Inside Corner	12 x 5 x 12"	12"
	**AXP3543E**	3-Sided Perimeter Pocket – Exposed Application	5 x 4-3/4 x 5"	120"
	**AXP3552**	3-Sided Perimeter Pocket, Acoustical/Drywall Transition – 2 sides Pre-engineered 10' (120") aluminum pocket with acoustical/drywall transition on two sides and distinct architectural detail; used to organize ceiling cutouts or lighting.	5 x 5 x 5"	120"

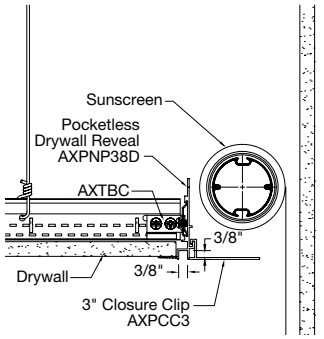
CORNERS



new Double Shade Pockets

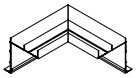
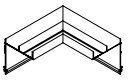


new Pocketless Shade Options



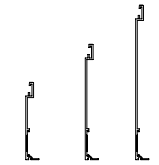
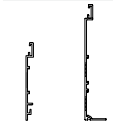
AXIOM® Building Perimeter System
Shade Pockets

2-SIDED PERIMETER POCKETS AND NO POCKET DETAILS

	Item Number	Description	Dimensions	Length
2-Sided Perimeter Pockets				
	**AXP255**	2-Sided Perimeter Pocket, Acoustical/Drywall Transition	5 x 5"	120"
	**AXP255OSC**	2-Sided Perimeter Pocket, Acoustical/Drywall Transition – Outside Corner	12 x 5 x 12"	12"
	**AXP255ISC**	2-Sided Perimeter Pocket, Acoustical/Drywall Transition – Inside Corner	12 x 5 x 12"	12"
	**AXP236**	2-Sided Perimeter Pocket, Acoustical/Drywall Transition	3 x 6"	120"
	**AXP255C**	2-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece	5 x 5"	120"
	**AXP255COSC**	2-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece – Outside Corner	12 x 5 x 12"	12"
	**AXP255CISC**	2-Sided Perimeter Pocket, Connection to Extension/Face Plate Piece – Inside Corner	12 x 5 x 12"	12"
No Pocket Details				
	**AXPNP34A**	No Pocket, 3/4" Acoustical Flange with Closure Clip Attachment	2-11/16 x 3/4"	120"
	**AXPNP34NR**	No Pocket, 3/4" Acoustical Flange, No Reveal with Closure Clip Attachment	2 x 3/4"	120"
	**AXPNP125A**	No Pocket, 1-1/4" Acoustical Flange with Closure Clip Attachment	2-11/16 x 1-1/4"	120"
	**AXPNP38D**	No Pocket Drywall Taping Flange, 3/8" Reveal with Closure Clip Attachment	3-7/16 x 1-3/16"	120"
	**AXPNPD**	No Pocket Drywall Taping Flange, with Closure Clip Attachment	2-11/16 x 3/4"	120"
	**AXPNPFPA**	No Pocket detail with Face Plate and Closure Attachment	3-11/16 x 1/8"	120"

AXIOM® Building Perimeter System
Extensions and Face Plates

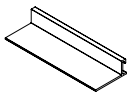
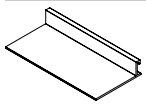
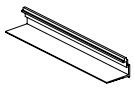
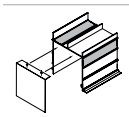
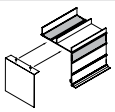
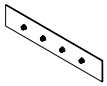
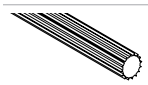
EXTENSIONS AND FACE PLATES

	Item Number	Description	Dimensions	Length
Extensions (custom slotting, perforating, or cutouts available)				
 AXPEP4 AXPEP6 AXPEP8	**AXPEP4**	Axiom® Perimeter Extension	4"	120"
	AXPEP6	Axiom Perimeter Extension	6"	120"
	AXPEP8	Axiom Perimeter Extension	8"	120"
 AXPEP4H AXPEPS6	**AXPEP4H**	Axiom Perimeter Extension - Hook on both sides	4"	120"
	AXPEPS6	Axiom Seismic Perimeter Extension with 0.875" Flange	6"	120"
Face Plates (custom slotting, perforating, or cutouts available)				
	**AXPDFP4**	Axiom Perimeter Face Plate - Unslotted	4" Unslotted	120"
	AXPDFP4SLA	Axiom Perimeter Face Plate - Slotted	4" Slotted 3/4" x 23" 2-Slot Pattern	120"
	AXPDFP4SLB	Axiom Perimeter Face Plate - Slotted	4" Slotted 2-3/4" x 23" 1-Slot Pattern	120"
	**AXPDFP7**	Axiom Perimeter Face Plate - Unslotted	7" Unslotted	120"
	AXPDFP7SLA	Axiom Perimeter Face Plate - Slotted	7" Slotted 3/4" x 23" 2-Slot Pattern	120"
	AXPDFP7SLB	Axiom Perimeter Face Plate - Slotted	7" Slotted 2-3/4" x 23" 1-Slot Pattern	120"
	AXPDFPS7	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Unslotted	7" Unslotted	120"
	AXPDFPS7SLA	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Slotted	7" Slotted 3/4" x 23" 2-Slot Pattern	120"
	AXPDFPS7SLB	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Slotted	7" Slotted 2-3/4" x 23" 1-Slot Pattern	120"
new	**AXPDFP54**	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Unslotted	4" Unslotted	120"
new	**AXPDFP54SLA**	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Slotted	4" Slotted 3/4" x 23" 2-Slot Pattern	120"
new	**AXPDFP54SLB**	Axiom Seismic Perimeter Face Plate with 0.875" Flange - Slotted	4" Slotted 2-3/4" x 23" 1-Slot Pattern	120"
	**AXPDFP4DT**	Axiom Perimeter Face Plate Drywall Transition - Unslotted	4" Unslotted	120"
	AXPDFP4DTSLA	Axiom Perimeter Face Plate Drywall Transition - Slotted	4" Slotted 3/4" x 23" 2-Slot Pattern	120"
	AXPDFP4DTSLB	Axiom Perimeter Face Plate Drywall Transition - Slotted	4" Slotted 2-3/4" x 23" 1-Slot Pattern	120"
	**AXPDFP7DT**	Axiom Perimeter Face Plate Drywall Transition - Unslotted	7" Unslotted	120"
	AXPDFP7DTSLA	Axiom Perimeter Face Plate Drywall Transition - Slotted	7" Slotted 3/4" x 23" 2-Slot Pattern	120"
	AXPDFP7DTSLB	Axiom Perimeter Face Plate Drywall Transition - Slotted	7" Slotted 2-3/4" x 23" 1-Slot Pattern	120"

AXIOM® Building Perimeter System

Face Plates and Accessories

FACE PLATES, CLOSURE CLIPS AND ACCESSORIES

	Item Number	Description	Dimensions	Length
Face Plates				
new 	**AXFFP4**	Axiom® Perimeter Face Plate	4" Unslotted	120"
new 	**AXFFP6**	Axiom Field Face Plate	6" Unslotted	120"
Closure Clips				
	**AXPCC2**	2" Axiom Building Perimeter Closure Clip	—	120"
	**AXPCC3**	3" Axiom Building Perimeter Closure Clip	—	120"
Accessories				
	**AXBTSTR**	Axiom Bottom Drywall Trim Straight for 5/8" Drywall	120 x 1-1/8 x 27/32"	120"
	**BERCAXT**	Axiom Beam End Retaining Clip for Seismic Applications	—	—
	**AXPWC**	Axiom Wall Clip with Hook for Face Plate	—	2"
new 	**AXPWCCP**	Axiom Wall Clip	—	120"
	**AXTBC**	Axiom T-Bar Connector Clip: Galvanized sheet steel formed to fit into special trim channel bosses. Provides positive mechanical lock with factory-installed screw and screw-fastened connection to suspension system members that intersect the trim channel.	—	—
	**AXCPCI**	End Plate (3-sided) for AXP355: Provides a capping at the end of a perimeter pocket.	—	—
	**AXCPCIV**	End Plate (2-sided) for AXP255: Provides a capping at the end of a perimeter pocket.	—	—
	**AXP3543E**	3-sided, pocket end cap	—	—
	**AX4SPLICE**	Axiom Splice Plate: Anodized sheet steel formed to fit into the trim channel bosses and provides positive lock between abutting channels with factory-installed setscrews.	—	—
	**AXPFG**	Foam Gasketing: Gasketing used between perimeter pocket piece and exterior window or exterior wall.	—	25' Roll
	**AXPSPLINE**	Axiom Building Perimeter Interlocking Spline for connection between Perimeter Pocket and Extension or Face Plate.	—	120"

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AXIOM® Building Perimeter System
Lutron® Compatible Shade Pockets



Axiom® Building Perimeter System with Lutron® Compatible Shade Pocket

This pre-engineered extruded aluminum building perimeter trim integrates automated shades, at the same time tying into acoustical or drywall ceiling systems – without any visible fasteners.

KEY SELECTION ATTRIBUTES

Axiom Building Perimeter System is an extruded aluminum trim solution to create the transition between the interior of a building's perimeter and the ceiling plane.

- Allows quality control at the perimeter, reducing time required to detail and specify
- Compatible with the Lutron® Sivoia® QS Roller 100/150/300 Shading System for faster, simpler installation
- Eliminates the framing, boarding, taping, mudding, sanding, and painting commonly used for drywall pockets
- Seismic code compliant
- Armstrong® 10-Year Limited Warranty, 30-Year System Warranty

TYPICAL APPLICATIONS

- Offices
- Healthcare
- Higher education
- Condominiums
- Hospitality
- Transition areas

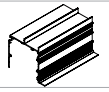
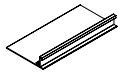
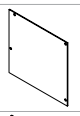
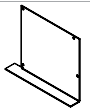
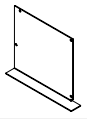
LUTRON® Shading Solutions

Lutron Compatible Shade Pockets

COLOR SELECTION

White (WH) or Standard Axiom and custom colors available.

VISUAL SELECTION

Item Number	Description	Dimensions (Inches)	Length	
Three-sided Lutron® Compatible Shade Pockets and Accessories				
Axiom Building Perimeter Pocket: Pre-engineered 10' (120") aluminum pocket formed with distinct architectural detail; three-sided pocket with special bosses to accept T-Bar Connector Clip and Splice Plate to provide positive mechanical lock with no visible fasteners; factory-finished to match approved samples; and factory- or field-cut miters to match approved shop drawings.				
new **AXP355L**	3-Sided Lutron Compatible Shade Pocket	5 x 5"	120"	
new **AXP355LS**	3-Sided Seismic Lutron Compatible Shade Pocket	5 x 5"	120"	
new **AXP355LE**	3-Sided Exposed Lutron Compatible Shade Pocket	5 x 5"	120"	
new **AXP355LE_ _** ◆	3-Sided Exposed Lutron Compatible Shade Pocket, colors			
new **AXPCC3L**	3" Shade Closure Clip	5 x 5"	120"	
new **AXPCC3L_ _** ◆	3" Shade Closure Clip, colors			
new **AXP355LEEC**	Lutron Exposed End Cap	5 x 5"	–	
new **AXP355LEEC_ _** ◆	Lutron Exposed End Cap, colors			
new **AXP355LECR**	Lutron End Cap, right	5 x 5"	–	
new **AXP355LECL**	Lutron End Cap, left	5 x 5"	–	

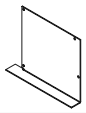
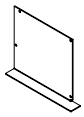
◆ Add the 2-letter color suffix to the item number when specifying or ordering (Example: AXP355LE B L)

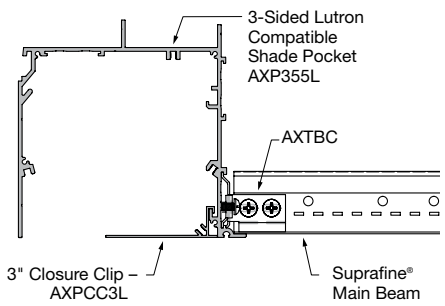
Titus is a trademark of titus manufacturing corporation

Armstrong®

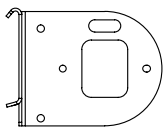
AXIOM® Building Perimeter System
Lutron® Compatible Shade Pockets

VISUAL SELECTION

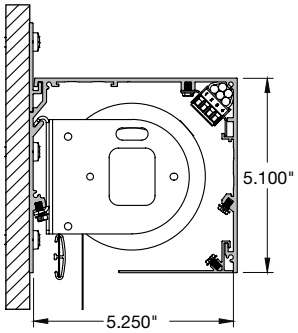
Item Number	Description	Dimensions (Inches)	Length	
Three-sided Lutron Compatible Shade Pockets (cont'd.)				
new **AXP355LSECR**	Lutron Seismic End Cap, right	5 x 5"	–	
new **AXP355LSECL**	Lutron Seismic End Cap, left	5 x 5"	–	
new **AXPWCCP2**	Axiom Wall Clip	2 x 1/2"	2"	
AX4SPLICE	Axiom Splice Plate with Setscrews	–	8"	
AXTBC	Axiom T-Bar Connector Clip	–	–	



Pocket



Lutron Integrated Bracket for Axiom (provided by Lutron)



Complete Solution

Ensure Compatibility When Specifying

To ensure compatibility, go to www.performanceshadingadvisor.com or refer to BPCS-5161 Lutron® Compatible Shade Pocket brochure.

1. Select Pocket and Shade Fabric
1a. ENSURE COMPATIBILITY
2. Select Framing Method and Drive Unit/Top Treatment
3. Select Closure Clip and Low Voltage Power Supply
4. Select Suspension System and Contacts
5. Specify Both Pocket and Shade in Division, 9 and 12

PHYSICAL DATA

Material
Extruded aluminum

Surface Finish
Factory-applied baked polyester paint finish

Cross Tee/Main Beam Interface
Prelude® XL® 15/16" Exposed Tee, Suprafine® 9/16" Exposed Tee, Silhouette® XL® 9/16" Bolt-Slot, Interlude® XL® HRC 9/16" Dimensional Tee, Sonata® XL® 9/16" Dimensional Tee, Drywall Grid System

End Detail
Splice Plate with Screws
Custom options are available

Please contact your local Armstrong representative.

Lutron® Shading Customer Service
Phone: 1-800-446-1503
Email: shadingcustsvc@lutron.com
www.performanceshadingadvisor.com

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AXIOM® Classic

Trim
straight and curved



This extruded aluminum perimeter trim is a solution for use as exposed custom decorative trim with suspended panels or drywall.

KEY SELECTION ATTRIBUTES

- Crisp-edge detailing and excellent corrosion resistance compared to steel systems
- Eight profile heights
- Compatible with Armstrong Suspension Systems and Drywall Grid Systems
- Finely articulated drywall trim with beaded edge integrates with all trim profiles for pre-engineered drywall transitions (see pg. 311)
- new Colors coordinate with Armstrong ceiling and suspension systems, Colorations™ colors; custom colors available
- Design flexibility for straight and curved applications
- 10-Year Limited warranty, 30-year system warranty

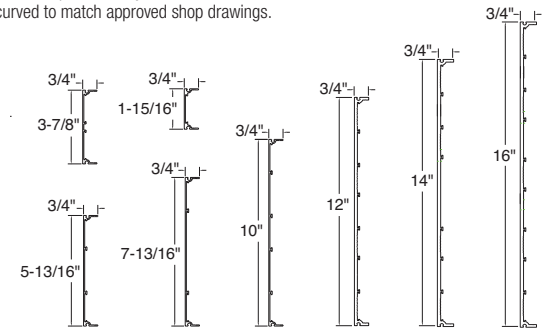


Custom slotting, perforating, and cutouts available for this Axiom product.

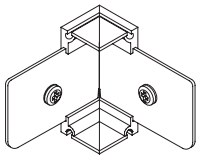
VISUAL SELECTION

Item No.◆	Description	Dimensions
AXIOM® Classic Trim (Available Straight or Curved)		
AX16STR*_ _ _	16" Straight Only	120 x 3/4 x 16"
AX14STR*_ _ _	14" Straight Only	120 x 3/4 x 14"
AX12STR_ _ _	12" Straight	120 x 3/4 x 12"
AX12CUR*_ _ _	12" Curved	Vary x 3/4 x 12"
AX10STR_ _ _	10" Straight	120 x 3/4 x 10"
AX10CUR*_ _ _	10" Curved	Vary x 3/4 x 10"
AX8STR_ _ _	8" Straight	120 x 3/4 x 8"
AX8CUR*_ _ _	8" Curved	Vary x 3/4 x 8"
AX6STR_ _ _	6" Straight	120 x 3/4 x 6"
AX6CUR*_ _ _	6" Curved	Vary x 3/4 x 6"
AX4STR_ _ _	4" Straight	120 x 3/4 x 4"
AX4CUR*_ _ _	4" Curved	Vary x 3/4 x 4"
AX2STR_ _ _	2" Straight	120 x 3/4 x 2"
AX2CUR*_ _ _	2" Curved	Vary x 3/4 x 2"
AXIOM® Classic Corner Posts*		
AX12OSCP_ _	12" Outside Corner Post	7/8 x 7/8 x 12"
AX12ISCP_ _	12" Inside Corner Post	3/4 x 3/4 x 12"
AX10OSCP_ _	10" Outside Corner Post	7/8 x 7/8 x 10"
AX10ISCP_ _	10" Inside Corner Post	3/4 x 3/4 x 10"
AX8OSCP_ _	8" Outside Corner Post	7/8 x 7/8 x 8"
AX8ISCP_ _	8" Inside Corner Post	3/4 x 3/4 x 8"
AX6OSCP_ _	6" Outside Corner Post	7/8 x 7/8 x 6"
AX6ISCP_ _	6" Inside Corner Post	3/4 x 3/4 x 6"
AX4OSCP_ _	4" Outside Corner Post	7/8 x 7/8 x 4"
AX4ISCP_ _	4" Inside Corner Post	3/4 x 3/4 x 4"
AX2OSCP_ _	2" Outside Corner Post	7/8 x 7/8 x 2"
AX2ISCP_ _	2" Inside Corner Post	3/4 x 3/4 x 2"

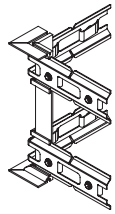
Trim Channel: Aluminum extrusions formed with distinct architectural detail groove on top and bottom flanges and special bosses to receive the T-Bar Connection Clip, Hanging Clip, and Splice Plate, to provide positive mechanical lock with no visible fasteners. Factory-finished to match approved samples. Factory or field-cut, mitered, and curved to match approved shop drawings.



Axiom corner posts eliminate miter cuts at corners for a fast and easy installation.



Axiom Outside Corner Post



Axiom Inside Corner Post

◆ Add the 2- or 3-digit color suffix to the item number when specifying or ordering (Example: AX2STR H A), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AX2STR 3 H A).
* Not available in architectural film finishes.

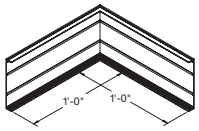
AXIOM® Classic

Trim
straight and curved

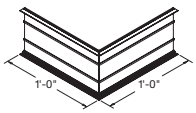
VISUAL SELECTION

Item No.◆	Description	Dimensions
AXIOM® Classic Pre-mitered QuickShip™ Corners		
AX16QSOS*_ _ _	16" Outside Corner	12 x 3/4 x 16"
AX16QSIS*_ _ _	16" Inside Corner	12 x 3/4 x 16"
AX14QSOS*_ _ _	14" Outside Corner	12 x 3/4 x 14"
AX14QSIS*_ _ _	14" Inside Corner	12 x 3/4 x 14"
AX12QSOS_ _ _	12" Outside Corner	12 x 3/4 x 12"
AX12QSIS_ _ _	12" Inside Corner	12 x 3/4 x 12"
AX10QSOS_ _ _	10" Outside Corner	12 x 3/4 x 10"
AX10QSIS_ _ _	10" Inside Corner	12 x 3/4 x 10"
AX8QSOS_ _ _	8" Outside Corner	12 x 3/4 x 8"
AX8QSIS_ _ _	8" Inside Corner	12 x 3/4 x 8"
AX6QSOS_ _ _	6" Outside Corner	12 x 3/4 x 6"
AX6QSIS_ _ _	6" Inside Corner	12 x 3/4 x 6"
AX4QSOS_ _ _	4" Outside Corner	12 x 3/4 x 4"
AX4QSIS_ _ _	4" Inside Corner	12 x 3/4 x 4"
AX2QSOS _ _ _	2" Outside Corner	12 x 3/4 x 2"
AX2QSIS _ _ _	2" Inside Corner	12 x 3/4 x 2"

Axiom factory-mitered inside and outside corner pieces are created to match your Axiom Trim channel order. These corners come as 2 – 12" long pieces that are assembled in the field for a clean mitered corner intersection.



Outside Corner



Inside Corner

MINIMUM BEND RADIUS FOR AXIOM-CLASSIC
2", 4", 6", 8" – 24" Minimum
10" – 36" Minimum
12" – 60" Minimum

AXIOM FACTORY MITER LIMIT
2", 4", 6", 8" – Minimum 30º acute angle (15º per cut)
10", 12", 14", 16" – Minimum 60º acute angle (30º per cut)

* Not available in architectural film finishes
◆ Add the 2- or 3-digit color suffix to the item number when specifying or ordering (Example: AX2QSIS H A), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AX2QSIS 3 H A).

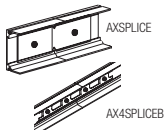
ACCESSORIES

Item No.	Description
AXAC	Alignment Clip Sheet aluminum formed to fit into special trim channel bosses. Provides positive mechanical lock and screw-fastened connection to suspension members that intersect below the trim channel.
AX2HGC	Hanging Clip Sheet aluminum formed to fit into special trim channel bosses. Provides positive mechanical lock and screw-fastened connection to suspension members that intersect below the trim channel.
AXTBC	T-Bar Connection Clip Galvanized sheet steel formed to fit into special trim channel bosses. Provides positive mechanical lock with factory-installed screw, screw-fastened connection to suspension members that intersect the trim channel.
AXSPLICE	Axiom Splice Plate
AX4SPLICEB	Axiom Splice Plate Galvanized sheet steel formed to fit into the trim channel bosses. Provides positive lock between abutting channels with factory-installed setscrews.



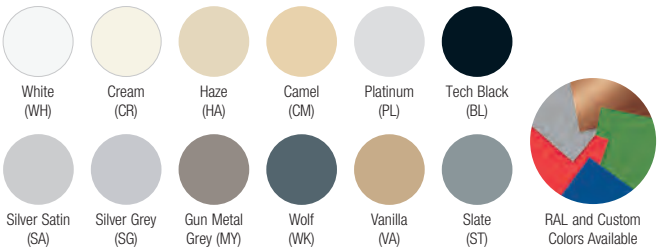






COLORS
Due to printing limitations, shade may vary from actual product.

Standard

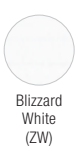


NOTE: 360º paint finishes and custom colors available as special order

ARCHITECTURAL FILM FINISHES
(white or black background)

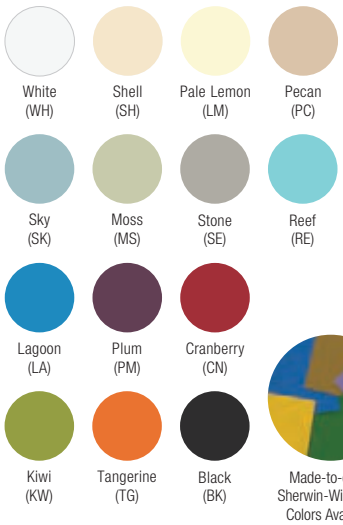


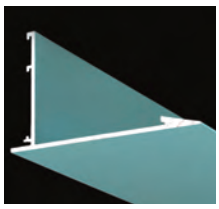
new BLIZZARD WHITE FINISH



NOTE: Blizzard White finish available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

new COLORATIONS™ COLORS





Refer to BPCS-3996 Axiom Color Chart for new Colorations™ colors available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system which coordinate with Axiom Classic trim systems.

NOTE: White is standard color for all AXIOM products.

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Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

AXIOM® Drywall Trim

One-piece or Two-piece straight & curved

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®	energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓	✓					✓				

*LOCATION DEPENDENT



This pre-engineered vertical trim solution for 5/8" drywall eliminates vertical framing and provides architerctural detail.

KEY SELECTION ATTRIBUTES

- 2.5", 4", and 6" profile heights
- Integrated and pre-punched taping flange for drywall attachment
- Available in White, standard colors, and unfinished for field painting
- Straight and curved options available
- Pre-engineered compatibility with 5/8" drywall

MINIMUM BEND RADIUS FOR AXIOM ONE-PIECE TRIM

Inside: 2.5", 4", 6" – 24" Minimum
Outside: 36" Minimum

MINIMUM BEND RADIUS FOR AXIOM TWO-PIECE TRIM

36" Minimum

VISUAL SELECTION

Item No.◆	Description	Dimensions
AXIOM® One-Piece Drywall Trim		
AX1PC2STR_ _	2.5" One-Piece Straight Drywall Trim	120 x 3/4 x 2.5"
AX1PC2CUR_ _	2.5" One-Piece Curved Drywall Trim	Vary x 3/4 x 2.5"
AX1PC4STR_ _	4" One-Piece Straight Drywall Trim	120 x 3/4 x 4"
AX1PC4CUR_ _	4" One-Piece Curved Drywall Trim	Vary x 3/4 x 4"
AX1PC6STR_ _	6" One-Piece Straight Drywall Trim	120 x 3/4 x 6"
AX1PC6CUR_ _	6" One-Piece Curved Drywall Trim	Vary x 3/4 x 6"

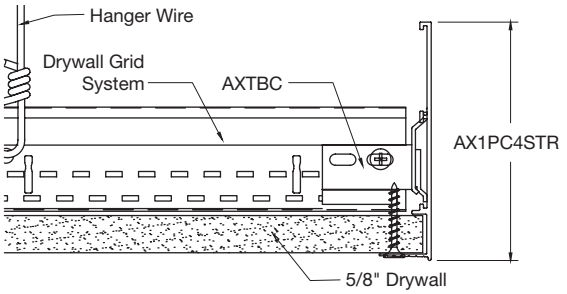
Item No.◆	Description	Dimensions
AXIOM Two-Piece Drywall Trim (used with AXIOM® Classic, see pg. 309)		
AXBTSTR_ _	Axiom Straight Drywall Bottom Trim	120 x 3/4 x 5/8"
AXBTCUR_ _	Axiom Curved Drywall Bottom Trim	Vary x 3/4 x 5/8"

◆ Add the 2- or 3-digit color suffix to the item number when specifying or ordering (e.g., AX1PC2STR H A)

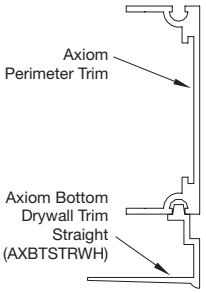
DETAILS For more information, see submittal CS-3528.

CAD drawings available at armstrong.com/axiom

One-Piece Drywall Trim: Integrated and pre-punched taping flange for drywall attachment. Available in White, standard colors, and unfinished for field painting.



Two-Piece Drywall Trim: Integrated and pre-punched taping flange for drywall attachment. Available in White, standard colors, and unfinished for field painting.



COLORS Due to printing limitations, shade may vary from actual product.

Standard



LEED® is a registered trademark of the US Green Building Council

Armstrong®

AXIOM® Glazing Channel

Trim
straight

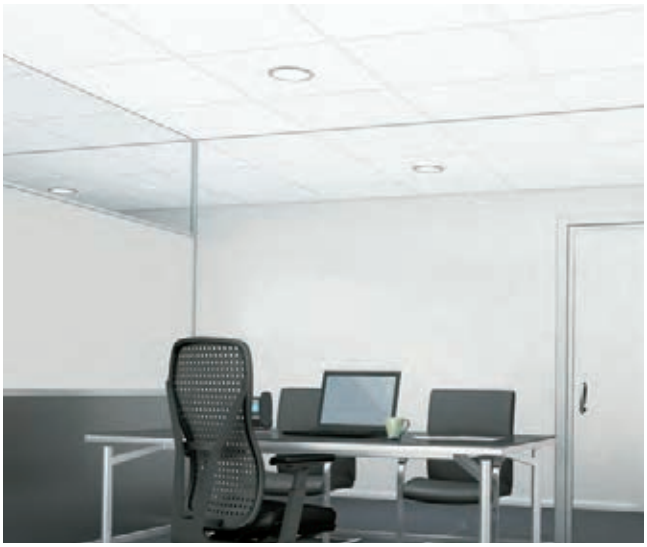
50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT

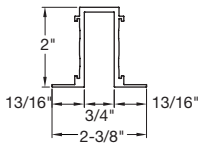
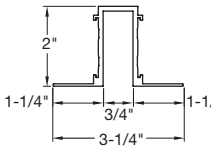
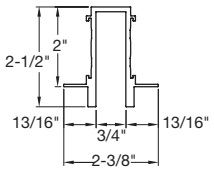
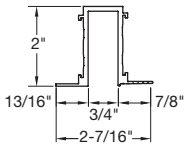
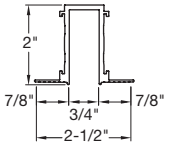


Axiom® extruded aluminum Glazing Channel trim for 3/8" and 1/2" glass partition walls offers fully concealed integration with all Armstrong® acoustical and drywall ceiling systems for a clean installed visual so glass can disappear into the plenum.

KEY SELECTION ATTRIBUTES

- 5 trim profile options to coordinate with lay-in, Tegular and Vector® ceiling panels and drywall grid system
- Coordinated fit and finish ensures delivery of design intent
- Seismic solution for category D, E, F installations
- Coordinates with Armstrong ceiling and suspension systems, custom colors available
- 10-Year Limited Warranty, 30-Year System Warranty

VISUAL SELECTION

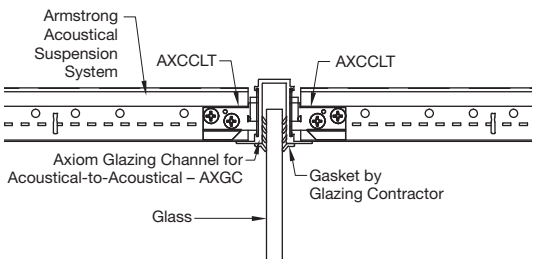
Item No.	Description	Dimensions	Profile
AXIOM® Glazing Channel Trim			
AXGC	Acoustical-to-Acoustical	120 x 2-7/16 x 2"	
AXGCS	Seismic Acoustical-to-Acoustical	120 x 3-1/4 x 2"	
AXGCV	Vector Acoustical-to-Acoustical	120 x 2-3/8 x 2-1/2"	
AXGCAD	Acoustical-to-Drywall	120 x 2-1/2 x 2"	
AXGCD	Drywall-to-Drywall	120 x 2-1/2 x 2"	

NOTE: Bottom and side U-Channels for glass installation provided by glazing contractor

ACCESSORIES

Item No.	Description	Dimensions
AX4SPLICE	Splice Plate with Setscrews	—
AXCCLT	T-Bar Connector Twist Clip	—

CAD drawings available at armstrong.com/axiom



COLORS

Standard



White (WH)

RAL and Custom Colors Available

TRIM & TRANSITIONS

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RAL is a registered trademark of RAL gGmbH

AXIOM® Interlude®

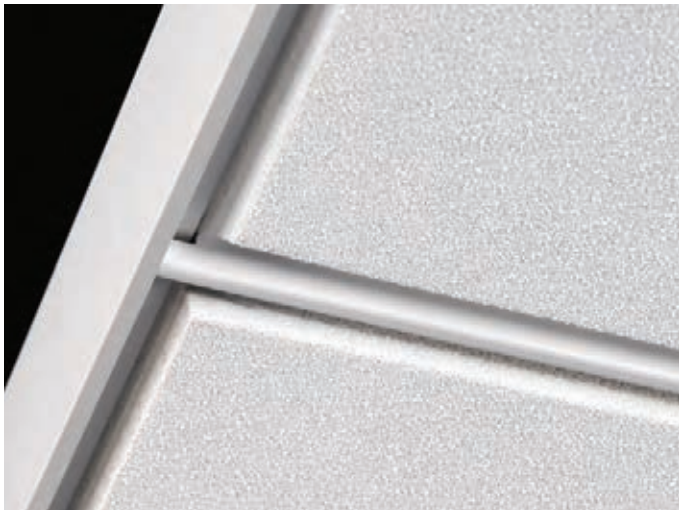
Trim
straight

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®	energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓	✓					✓				

*LOCATION DEPENDENT



This pre-engineered trim allows the continuation of the Interlude® XL® HRC suspension system visual to the perimeter of the ceiling.

KEY SELECTION ATTRIBUTES

- Used exclusively with Interlude XL® HRC suspension system (see pg. 274)
- Available in our most popular profile sizes (2", 4", and 6")
- New Interlude expansion sleeve (IES3) allows the unique Interlude visual to be extended to the perimeter
- Extruded aluminum trim provides more crisp edge detailing compared to conventional roll-formed steel systems
- Colors coordinate with Armstrong® ceiling and suspension systems; custom colors available
- Standard 90° factory-mitered outside and inside corners
- Recommended for use with full-size ceiling panels

VISUAL SELECTION

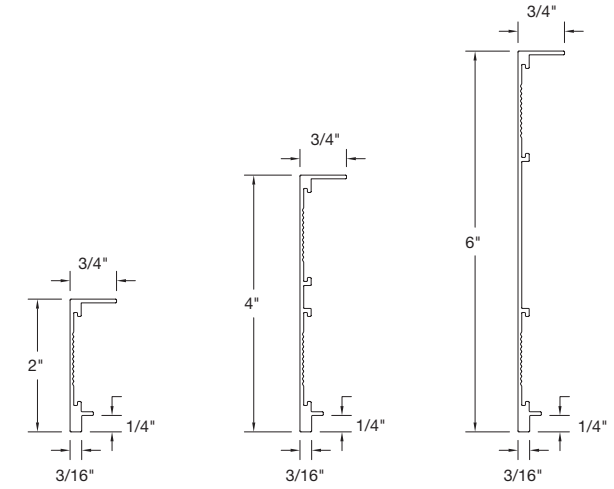
Item No. ◆	Description	Dimensions
AXIOM® Interlude Trim		
AXLD2STR _ _ _	Axiom Interlude 2", Straight	120 x 3/16 x 2"
AXLD4STR _ _ _	Axiom Interlude 4", Straight	120 x 3/16 x 4"
AXLD6STR _ _ _	Axiom Interlude 6", Straight	120 x 3/16 x 6"
AXIOM Interlude Pre-mitered QuickShip™ Corners		
AXLD2QSOS _ _ _	Axiom Interlude 2", QuickShip Outside Corner	12 x 3/16 x 2"
AXLD2QSIS _ _ _	Axiom Interlude 2", QuickShip Inside Corner	12 x 3/16 x 2"
AXLD4QSOS _ _ _	Axiom Interlude 4", QuickShip Outside Corner	12 x 3/16 x 4"
AXLD4QSIS _ _ _	Axiom Interlude 4", QuickShip Inside Corner	12 x 3/16 x 4"
AXLD6QSOS _ _ _	Axiom Interlude 6", QuickShip Outside Corner	12 x 3/16 x 6"
AXLD6QSIS _ _ _	Axiom Interlude 6", QuickShip Inside Corner	12 x 3/16 x 6"
Accessories		
AX4SPLICEB	Splice Plate with Setscrews	3/4 x 3/16 x 6"
AXCCLT	T-Bar Connector Twist Clip	—
IES3	Interlude Expansion Sleeve	—

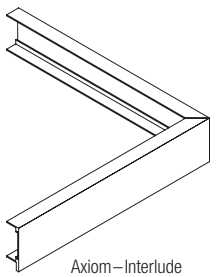
◆ Add the 2- or 3-digit color suffix to the item number when specifying or ordering (Example: AXLD6STR W H), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AXLD6STR 3 W H).

NOTE: Clips and splice plates are unpainted. Touch-up paint available upon request for clips and splice plates used with standard colors.

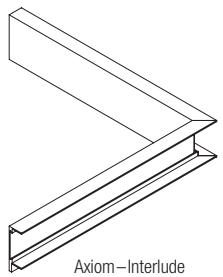
DETAILS

For more information, see submittal BPCS-4211.





Axiom–Interlude QuickShip Outside Corners



Axiom–Interlude QuickShip Inside Corners

COLORS

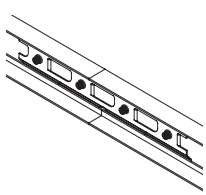
White (WH)



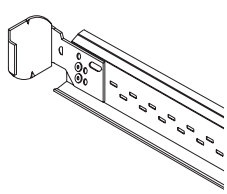
RAL & Custom Colors Available

NOTE: 360° paint finishes and custom colors available as special order.

ACCESSORIES



Splice Plate (AX4SPLICEB)



T-Bar Connector Twist Clip (AXCCLT)

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RAL is a registered trademark of RAL gGmbH

Armstrong®

AXIOM® Knife Edge®

Trim
straight

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials* ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp. ✓; biobased materials; recycled content; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

*LOCATION DEPENDENT



New Colorations colors

This trim is a unique, refined trim alternative compared to traditional, 90-degree vertical trims.

KEY SELECTION ATTRIBUTES

- Unique profile provides a refined alternative
- Two profiles available:
  Axiom Knife Edge for traditional acoustical lay-in and Tegular panels, as well as drywall
  Axiom Knife Edge for Vector is specifically made to work with the unique Vector edge
- Extruded aluminum trim provides more crispeedge detailing compared to conventional roll-formed steel systems
- Compatible with Armstrong® Suspension Systems and Drywall Grid Systems
- Colors coordinate with Armstrong ceiling and grid systems; custom colors available
- Standard 90º factory bonded corners

VISUAL SELECTION

Item No.◆	Description	Dimensions
AXIOM® Knife Edge®		
AXKE2STR_ _ _	Straight	120 x 6-3/16 x 2-1/2"
AXKE90IC*_ _ _	Inside 90˚ Corner	12 x 6-3/16 x 2-1/2"
AXKE90OC*_ _ _	Outside 90˚ Corner	12 x 6-3/16 x 2-1/2"
AXKE5STR**	Straight	120 x 6-3/16 x 5"
AXKE5IC**	Inside 90˚ Corner	12 x 6-3/16 x 5"
AXKE5OC**	Outside 90˚ Corner	12 x 6-3/16 x 5"
AXIOM Knife Edge for Vector®*		
AXKEVE2STR_ _ _	Vector – Straight	120 x 5-9/16 x 2-5/16"
AXKEVE90IC*_ _ _	Inside 90˚ Corner	12 x 5-9/16 x 2-5/16"
AXKEVE90OC*_ _ _	Outside 90˚ Corner	12 x 5-9/16 x 2-5/16"
Accessories		
AX2HGC	Hanging Clip	–
AXTBC	T-Bar Connector Clip	–
AXVTBC	Vector T-Bar Connector Clip	–
AX4SPLICEB	Splice Clip with Setscrews	–
AXKEALIGN	Alignment Clip	–
AXSPTHDC	Trim Hold Down Clip	–
AXDWT	Drywall Trim	120 x 1-3/4"

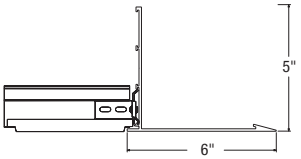
◆ Add the 2- or 3-digit color suffix to the item number when specifying or ordering (Example: AX2STR H A), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AX2STR 3 H A), use extra suffix W-white or B-black before color suffix when ordering film to designate the background color (Example: AX2STR B B B).

* Axiom Knife Edge must use factory corners.

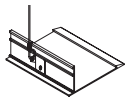
** Only available in White.

DETAILS For more information, see submittal BPCS-3080.

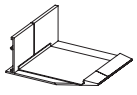
CAD drawings available on armstrong.com/axiom



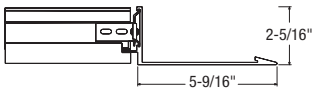
Axiom Knife Edge profile



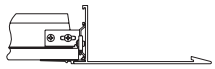
Axiom Knife Edge (AX2HGC)



Axiom Knife Edge Alignment Clip (AXKEALIGN)

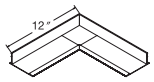


Axiom Knife Edge for Vector profile

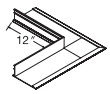


Axiom Knife Edge with Drywall (Use with AXVTBC and AXDWT)

Factory-Bonded corners



Axiom Knife Edge Factory-Bonded Inside Corner (AXKE90IC)

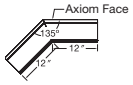


Axiom Knife Edge Factory-Bonded Outside Corner (AXKE90OC)

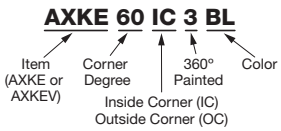
Factory corner configurations available 60-135º (upon request)



60º Corner



135º Corner



COLORS Due to printing limitations, shade may vary from actual product.

Standard



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Tech Black (BL) | Silver Satin (SA) | Silver Grey (SG) | Gun Metal Grey (MY) | Wolf (WK) | Vanilla (VA) | Slate (ST) | RAL & Custom Colors Available

NOTE: 360º paint finishes and custom colors available as special order

ARCHITECTURAL FILM FINISHES (white or black background)



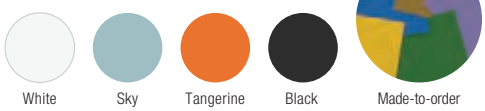
Brushed Anodized (BA) | Buffed Bronze (BB) | Brushed Gun Metal (BG) | Etched Gun Metal (EG) | Mottled Silver Grey (MG)

new BLIZZARD WHITE FINISH

Blizzard White (ZW)

NOTE: Blizzard White finish available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

new COLORATIONS COLORS (partial list)



White (WH) | Sky (SK) | Tangerine (TG) | Black (BK) | Made-to-order Sherwin-Williams® Colors Available

NOTE: White is standard color for all AXIOM products.

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RAL is a registered trademark of RAL gGmbH
Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

AXIOM® Direct Light Coves

Trim
straight

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT



Axiom® – Direct Light Cove

Axiom® extruded aluminum direct light coves offer ultra low plenum clearance, predictable lighting performance and perfect integration with all Armstrong® Suspension Systems.

KEY SELECTION ATTRIBUTES

- Pre-engineered, extruded aluminum light cove profiles with integrated XAL LENO light fixture
- Fully concealed integrated design installs with all Armstrong acoustical & drywall suspension systems
- Low profile design with plug & play lighting for easy installation in shallow plenum corridors and entry areas.
- 10-year limited warranty, 30-year system warranty

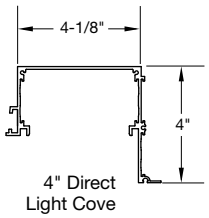
LIGHTING FIXTURES

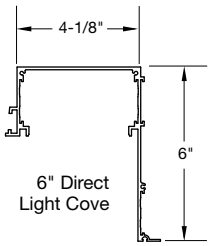
Compatible with XAL Leno Luminaire

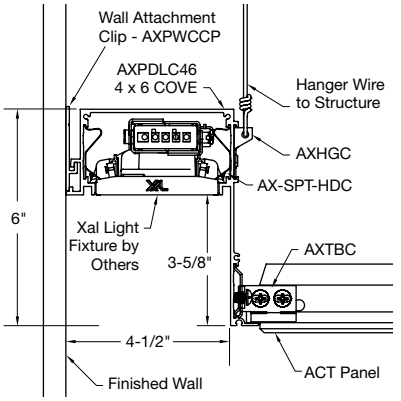
VISUAL SELECTION

Item No.	Description	Dimensions
Axiom Direct Light Coves		
AXPDLC46	4 x 6" Direct Light Cove	120 x 4-1/2 x 6"
AXPDLC44	4 x 4" Direct Light Cove	120 x 4-1/2 x 4"

Direct Light Coves: Aluminum extrusions formed with distinct architectural detail groove on bottom flange with special bosses to receive the T-Bar Connection Clip, Hanging Clip, and Splice Plate, provides positive mechanical lock with no visible fasteners. Factory-finished to match approved samples.







4" x 6" Direct Light Cove – AXPDLC46

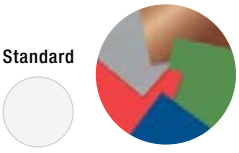
ACCESSORIES

Item No.	Description
AXBTSTR	Axiom Bottom Drywall Trim – Straight for 5/8" Drywall
AX2HGC	Hanging Clip – Hanging Clip: Sheet steel formed to fit into special trim channel bosses and provide positive mechanical lock, screw-fastened connection to suspension members which intersect below the trim channel.
AXTBC	T-Bar Connection Clip – T-Bar Connection Clip: Galvanized sheet steel formed to fit into special trim channel bosses and provide positive mechanical lock with factory-installed screw, screw-fastened connection to suspension members which intersect the trim channel.
AX4SPLICE	Axiom Splice Plate – Splice Plate: Galvanized sheet steel formed to fit into the trim channel bosses and provide positive lock between abutting channels with factory-installed setscrews.

Item No.	Description
AXPWCCP2	Axiom Wall Clip – 2 x 2 x 112"
AXPDLC46ECR	4 x 6" – Light Cove End Cap - Right
AXPDLC46ECL	4 x 6" – Light Cove End Cap - Left
AXPDLC44ECR	4 x 4" – Light Cove End Cap - Right
AXPDLC44ECL	4 x 4" – Light Cove End Cap - Left
AX-SPT-HDC	Trim Hold-Down Clip

COLORS

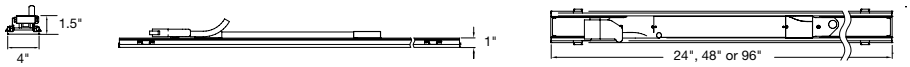
Standard



White (WH)

RAL and Custom Colors Available

XAL LENO ZERO PLENUM LUMINAIRE



The new ultra thin XAL LENO Zero Plenum luminaire installs from below and features:

- High-output, energy efficient LED lighting for any space
- High-performance opal cover for uniform illumination and enhanced glare control
- Extruded aluminum fixture design
- White powder-coated finish
- Integrated plug and play electrical connections
- Choice of light outputs to achieve any desired light level
- Dimming options available

For detailed lighting information, contact your local XAL lighting representative or visit XALUSA.com

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RAL is a registered trademark of RAL gGmbH
XAL is a registered trademark of Xenon Light GmbH

AXIOM® Indirect Light Coves


Axiom Indirect Light Coves

Axiom® Indirect Light Coves offer predictable performance and perfect integration.

KEY SELECTION ATTRIBUTES

- Axiom® Indirect Light Coves offer predictable lighting performance and perfect integration with all Armstrong® suspension systems
- With our three lighting partners, this pre-engineered solution offers a variety of options with both Ceiling-to-Wall and Ceiling-to-Ceiling light coves and sizes
- Featuring a new Knife Edge® profile that brings acoustical panels out to the edge of the cove
- 10-Year Limited Warranty, 30-Year System Warranty

TYPICAL APPLICATIONS

- Offices
- Corridors
- Restrooms
- Healthcare
- Lobbies
- Boardrooms
- Retail

LIGHTING FIXTURES

Compatible with:

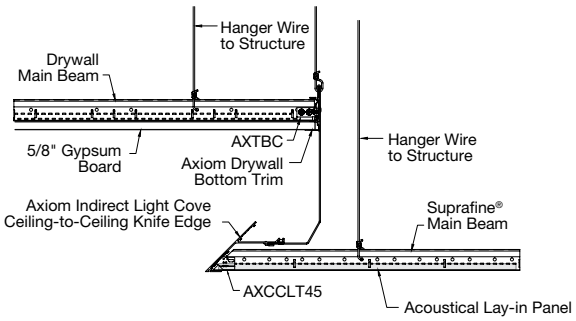
Axis Lighting, Litecontrol, and Vode® Lighting.

VISUAL SELECTION

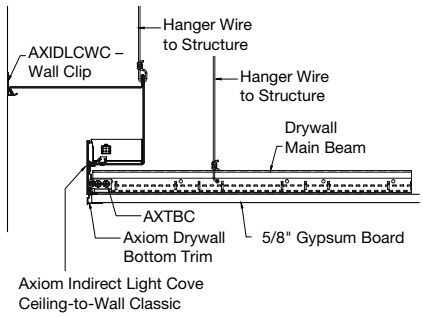
Item No.	Description
AXIOM® Indirect Ceiling-to-Ceiling Light Coves	
☐ **AXIDLCCKE812**	12" Indirect Ceiling-to-Ceiling Knife Edge
☐ **AXIDLCCKE812S**	12" Indirect Ceiling-to-Ceiling Knife Edge, Slotted
☐ **AXIDLCCKE1014**	14" Indirect Ceiling-to-Ceiling Knife Edge
☐ **AXIDLCCKE1014S**	14" Indirect Ceiling-to-Ceiling Knife Edge, Slotted
☐ **AXIDLCCKE1216**	16" Indirect Ceiling-to-Ceiling Knife Edge
☐ **AXIDLCCKE1216S**	16" Indirect Ceiling-to-Ceiling Knife Edge Slotted
☐ **AXIDLCCKE1418**	18" Indirect Ceiling-to-Ceiling Knife Edge
☐ **AXIDLCCKE1418S**	18" Indirect Ceiling-to-Ceiling Knife Edge Slotted
☐ **AXIDLCCKE1620**	20" Indirect Ceiling-to-Ceiling Knife Edge
☐ **AXIDLCCKE1620S**	20" Indirect Ceiling-to-Ceiling Knife Edge, Slotted
☐ **AXIDLCC4812**	12" Indirect Ceiling-to-Ceiling Classic
☐ **AXIDLCC4812S**	12" Indirect Ceiling-to-Ceiling Classic, Slotted
☐ **AXIDLCC41014**	14" Indirect Ceiling-to-Ceiling Classic
☐ **AXIDLCC41014S**	14" Indirect Ceiling-to-Ceiling Classic, Slotted
☐ **AXIDLCC41216**	16" Indirect Ceiling-to-Ceiling Classic
☐ **AXIDLCC41216S**	16" Indirect Ceiling-to-Ceiling Classic, Slotted
☐ **AXIDLCC41418**	18" Indirect Ceiling-to-Ceiling Classic
☐ **AXIDLCC41418S**	18" Indirect Ceiling-to-Ceiling Classic, Slotted
☐ **AXIDLCC41620**	20" Indirect Ceiling-to-Ceiling Classic
☐ **AXIDLCC41620S**	20" Indirect Ceiling-to-Ceiling Classic, Slotted
AXIOM Indirect Ceiling-to-Wall Light Coves	
☐ **AXIDLCWKE48**	8" Indirect Ceiling-to-Wall Knife Edge
☐ **AXIDLCWKE48S**	8" Indirect Ceiling-to-Wall Knife Edge, Slotted
☐ **AXIDLCWKE610**	10" Indirect Ceiling-to-Wall Knife Edge
☐ **AXIDLCWKE610S**	10" Indirect Ceiling-to-Wall Knife Edge, Slotted
☐ **AXIDLCW448**	8" Indirect Ceiling-to-Wall Classic
☐ **AXIDLCW448S**	8" Indirect Ceiling-to-Wall Classic, Slotted
☐ **AXIDLCW4610**	10" Indirect Ceiling-to-Wall Classic
☐ **AXIDLCW4610S**	10" Indirect Ceiling-to-Wall Classic, Slotted

Indirect Light Coves: Aluminum extrusions, factory attached to formed sheet aluminum with distinct architectural detail groove for compatible lighting fixtures and to receive the T-Bar Connector Clip and Splice Plate, and provide positive mechanical lock with no visible fasteners. Factory finished to match approved samples.

Ceiling-to-Ceiling Knife Edge



Ceiling-to-Wall Classic



CovePerfekt™ is a trademark of Axis Lighting;
Vode® And ZipWave™ are trademarks of Vode Lighting LLC;
LEED® is a registered trademark of the U.S. Green Building Council

AXIOM® Indirect Light Coves

50% ALUMINUM RECYCLED CONTENT

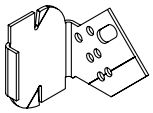
Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

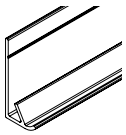
LOCATION DEPENDENT

COMPATIBLE LIGHT FIXTURES

Item No.	Description
Accessories	
☐ **AXCCLT45**	45 Degree T-Bar Connector Twist

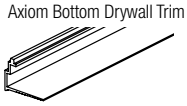


☐ **AXIDLCWC**	Indirect Light Cove Wall Clip



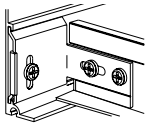
☐ **AXBTSTR**	Axiom Bottom Drywall Trim

Axiom Bottom Drywall Trim Straight for 5/8" Drywall



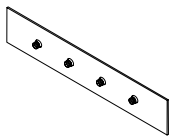
☐ **AXTBC**	T-Bar Connector Clip

T-Bar Connector Clip: Galvanized sheet steel formed to fit into special trim channel bosses and provide positive mechanical lock with factory-installed screw, screw-fastened connection to suspension system members which intersect the trim channel.



☐ **AX4SPLICE**	Axiom Splice Plate

Splice Plate: Galvanized sheet steel formed to fit into the trim channel bosses and provide positive lock between abutting channels with factory-installed setscrews.



COLOR

Standard

White (WH)

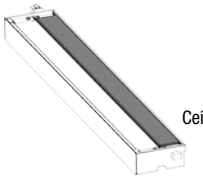
CovePerfekt™ by Axis Lighting

For more information: www.axislighting.com





Wall



Ceiling

Outstanding Aesthetics
- No shadows. No bright spots. No color shifting.

Easy Specification
- Aim-free luminaire. No need for complex details. Less trade coordination.

Unparalleled Performance
- Twice the efficiency of other LED cove products.
- Wide distribution using SurroundLiteTM technology.

Worry-free Installation & Maintenance
- Foolproof keyed mounting. Up to 90% less labor.

axis

CovePerfekt™

ACOVE15AL by Litecontrol

For more information: www.litecontrol.com

Superior Performance
- Output range: 300-1000 lm/ft specify in 50 lumen increments
- Two MacAdam ellipse max color variation

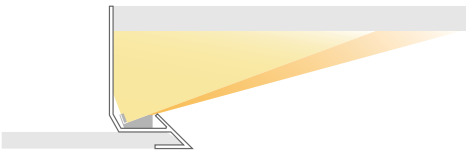
Flexible Specifications
- Variable intensity technology allows precise output and wattage specification
- Customizable fixture lengths; specify 3" increments, min. 1'

Installation and Maintenance
- External connectors for tool-less fixture joining
- Removable LED module for in-field replacement

LITECONTROL

ZipWave™ | LED | 707 by Vode® Lighting

For more information: www.vode.com/zipwave-led-707





Seamless Light Quality
- Optimized for ceiling and wall cove.
- Outputs over 1000 lm/ft (3280 lm/m) are available.

Perfect Alignment
- An architectural key way that matches the cove means
- perfect alignment and light distribution - every time.

vode

PHYSICAL DATA

Material
Commercial quality 3003 aluminum alloy

Surface Finish
Factory-applied baked polyester paint finish

Warranty
10-Year Limited Warranty; 30-Year System Warranty

Profile
Various options with both Ceiling-to-Wall and Ceiling-to-Ceiling Light Coves in a wide range of sizes with 3/4" horizontal flange.

Cross Tee/Main Beam Interface
Flush fit

End Detail
Splice with screws

ICC Reports
For areas under ICC jurisdiction, see evaluation report numbers ESR-1289 and ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The reports are subject to reexamination, revisions, and possible cancellation.

AXIOM® Paired Accent System

For AXIOM Classic or AXIOM Vector® Straight and Curved Suspension

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT



Axiom® – Paired trim in Sliver Grey

Create a dramatic contemporary design aesthetic using Axiom® Classic or Vector® trim profiles.

KEY SELECTION ATTRIBUTES

- Unique system allows tandem sections of curved or straight Axiom to run parallel with a 5/8" or 1-3/8" reveal between profiles
- Design option to accent open plenum spaces or below acoustical ceilings
- Extruded aluminum provides crisp profiles, smooth connections, and excellent corrosion resistance compared to steel systems
- Colors coordinate with Armstrong® ceiling and suspension systems; custom colors available
- Suspended from structure above or below acoustical ceiling
- Accessories available to organize placement of lights

Designed for 2", 4", 6", 8", 10", or 12" AXIOM Classic and 2", 4", 6", or 8" AXIOM Vector profiles

Choose your profile first
- Axiom Classic pg. 309-310
- Axiom Vector pg. 320

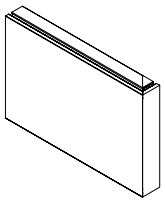
VISUAL SELECTION

Item No.◆	Description
AXIOM Paired End Caps	
AX2WEC_ _	Welded End Cap for 2" Axiom – Classic
AX4WEC_ _	Welded End Cap for 4" Axiom – Classic
AX6WEC_ _	Welded End Cap for 6" Axiom – Classic
AX8WEC_ _	Welded End Cap for 8" Axiom – Classic
AX10WEC_ _	Welded End Cap for 10" Axiom – Classic
AX12WEC_ _	Welded End Cap for 12" Axiom – Classic
AXVE2WEC_ _	Welded End Cap for 2" Axiom – Vector
AXVE4WEC_ _	Welded End Cap for 4" Axiom – Vector
AXVE6WEC_ _	Welded End Cap for 6" Axiom – Vector
Accessories	
AX4SPLICEB	Splice Plate with Setscrews
AXPAP	Adapter Plate for Electrical Box
AXPHANG58	Hanging Bracket for 5/8" reveal
AXPHANG118	Hanging Bracket for 1-3/8" reveal

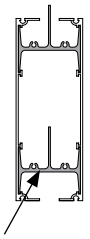
◆ Add the 2-letter color suffix to the item number when specifying or ordering (Example: AX2WEC B L)

DETAILS For more information, see submittal BPCS-3686.

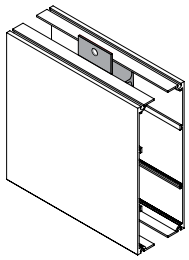
CAD drawings available on armstrong.com/axiom



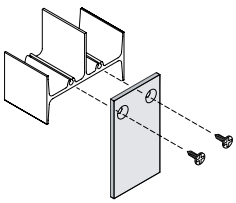
End Cap



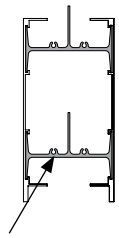
Hanging Bracket for 5/8" reveal (AXPHANG58)



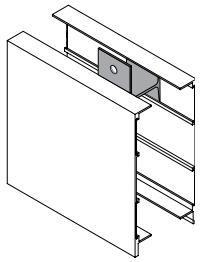
Axiom Paired Classic – available in 2", 4", 6", 8", 10", or 12" profiles



Adapter Plate to mount an electrical box (AXPAP)



Hanging Bracket for 1-3/8" reveal (AXPHANG118)



Axiom Paired Vector – available in 2", 4", or 6" profiles

NOTE: For all 4", 6", 8", 10", or 12" profiles, stack two Hanging Brackets on top of each other and place every 4' on center. Paired sections less than 4' long require two sets of Hanging Brackets per section.

COLORS Due to printing limitations, shade may vary from actual product.

Standard



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Tech Black (BL) | Silver Satin (SA) | Silver Grey (SG) | Gun Metal Grey (MY) | Wolf (WK) | Vanilla (VA) | Slate (ST) | RAL and Custom Colors Available

NOTE: 360º paint finishes and custom colors available as special order

ARCHITECTURAL FILM FINISHES (white or black background)



Brushed Anodized (BA) | Buffed Bronze (BB) | Brushed Gun Metal (BG) | Etched Gun Metal (EG) | Mottled Silver Grey (MG)

NOTE: White is standard color for all AXIOM products.

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RAL is a registered trademark of RAL gGmbH

AXIOM® Profiled

Trim
straight

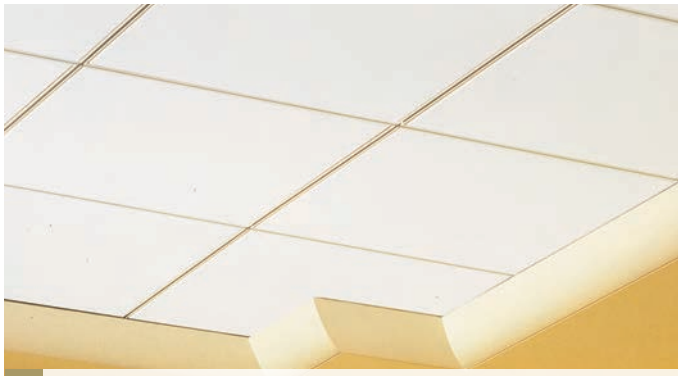
50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT



Axiom® Profiled Convex trim

This pre-engineered trim offers four dramatic profiles that coordinate with acoustical or drywall ceilings for decorative finished visual.

KEY SELECTION ATTRIBUTES

- Extruded aluminum provides crisp-edge detailing and excellent corrosion resistance
- Finely articulated drywall trim with beaded edge integrates with all trim profiles to provide a pre-engineered solution for drywall transitions
- Ultimate design flexibility – four decorative profiles; Convex, Concave, Cove, and Crown
- Colors coordinate with Armstrong® ceiling and suspension systems; custom colors available

VISUAL SELECTION

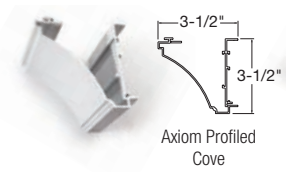
Item No.◆	Description	Dimensions
AXIOM Profiled Trim		
AXCOVE_ _	Cove	120 x 3-1/2 x 3-1/2"
AXCRWN_ _	Crown	12 x 3 x 3-1/2"
AXCNVX_ _	Convex	12 x 5-1/4 x 2-1/2"
AXCNCV_ _	Concave	120 x 5-1/4 x 2-1/2"
AXIOM Profiled Corners		
AXCOVEIS*_ _	Cove Inside 90° Corner	12 x 3-1/2 x 3-1/2"
AXCOVEOS*_ _	Cove Outside 90° Corner	12 x 3-1/2 x 3-1/2"
AXCRWNIS*_ _	Crown Inside 90° Corner	12 x 3 x 3-1/2"
AXCRWNOS*_ _	Crown Outside 90° Corner	120 x 5-1/4 x 2-1/2"
AXCNVXIS*_ _	Convex Inside 90° Corner	12 x 5-1/4 x 2-1/2"
AXCNVXOS*_ _	Convex Outside 90° Corner	12 x 5-1/4 x 2-1/2"
AXCNCVIS*_ _	Concave Inside 90° Corner	12 x 5-1/4 x 2-1/2"
AXCNCVOS*_ _	Concave Outside 90° Corner	12 x 5-1/4 x 2-1/2"
Accessories		
AXDWT	Profiled AXIOM Drywall Taping Flange	120 x 1-3/4"
AXAC	Alignment Hanging Clip	–
AXTBC	T-Bar Connector Clip	–
AX4SPLICEB	Splice Plate with Setscrews	–
AXALIGN	Profiled Alignment Clip	–
AXSPTHDC	Trim Hold Down Clip	–

◆ Add the 2-letter color suffix to the item number when specifying or ordering (Example: AXCOVE H A)

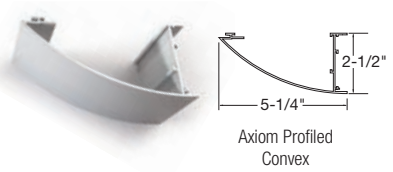
* Axiom Profiled trim must use factory corners.

DETAILS For more information, see submittal BPCS-3101.

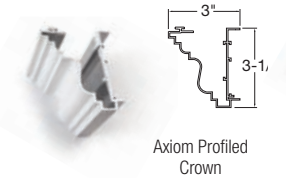
CAD drawings available on armstrong.com/axiom



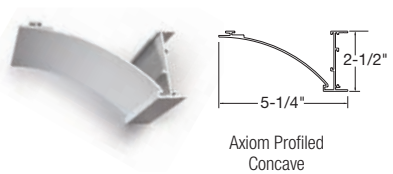
Axiom Profiled Cove



Axiom Profiled Convex



Axiom Profiled Crown

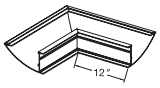


Axiom Profiled Concave

Factory-bonded corners



Convex Inside Corner

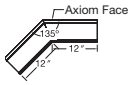


Convex Outside Corner

Factory corner configurations available 60-135°



60° Corner



135° Corner

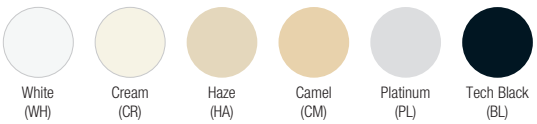
AXCOVE 60 IC 3 BL

Cove — Corner Degree — 360° Painted — Color

Inside Corner (IC)
Outside Corner (OC)

COLORS Due to printing limitations, shade may vary from actual product.

Standard



White (WH) | Cream (CR) | Haze (HA) | Camel (CM) | Platinum (PL) | Tech Black (BL)

Silver Satin (SA) | Silver Grey (SG) | Gun Metal Grey (MY) | Wolf (WK) | Vanilla (VA) | Slate (ST)

new COLORATIONS™ COLORS



White (WH) | Shell (SH) | Pale Lemon (LM) | Pecan (PC) | Sky (SK)

Moss (MS) | Stone (SE) | Reef (RE) | Lagoon (LA)

Plum (PM) | Cranberry (CN) | Kiwi (KW) | Tangerine (TG) | Black (BK)



Refer to BPCS-3996 Axiom Color Chart for new Colorations colors available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system which coordinate with Axiom Profiled trim systems.



Made-to-order Sherwin-Williams® Colors Available

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RAL is a registered trademark of RAL gGmbH

Armstrong®

AXIOM® Soft Edge

Trim
straight & curved

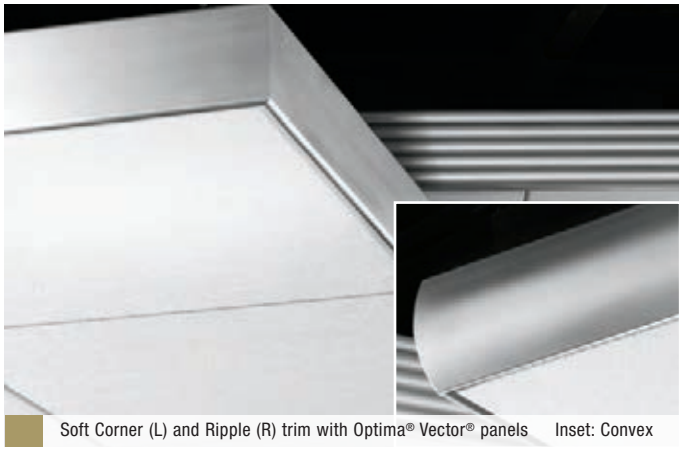
50% ALUMINUM RECYCLED CONTENT

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LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT



Soft Corner (L) and Ripple (R) trim with Optima® Vector® panels Inset: Convex

This soft-edge factory-finished trim is available three profile types for acoustical clouds.

KEY SELECTION ATTRIBUTES

- Profile options:
  - Ripple
  - Soft Corner
  - Convex
- Incorporates the sophisticated grid-hiding visual of a Vector® ceiling with a similar 1/4" reveal along the trim
- Design flexibility for straight and curved applications

MINIMUM BEND RADIUS FOR AXIOM-SOFT EDGE

	Outside Curve (face out)	Inside Curve (face in)
Soft Corner	10'	4'
Ripple	5'	4'
Convex	cannot curve	cannot curve

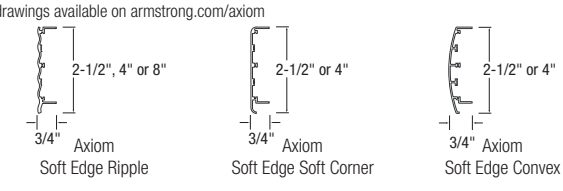
VISUAL SELECTION

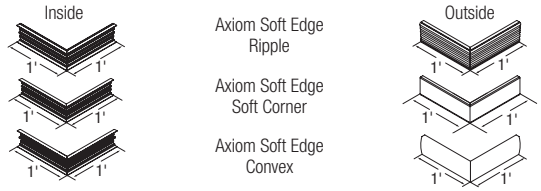
Item No.	Description	Dimensions
AXIOM Soft Edge Ripple		
AXSER2STR_ _ _	2-1/2" Straight	120 x 3/4 x 2-1/2"
AXSER2CUR_ _ _	2-1/2" Curved	Vary x 3/4 x 2-1/2"
AXSER4STR_ _ _	4" Straight	120 x 3/4 x 4"
AXSER4CUR_ _ _	4" Curved	Vary x 3/4 x 4"
AXSER8STR_ _ _	8" Straight	120 x 3/4 x 8"
AXSER8CUR_ _ _	8" Curved	Vary x 3/4 x 8"
AXIOM Soft Edge Ripple Corners		
AXSER2INCNR_ _ _	2-1/2" Straight	12 x 3/4 x 2-1/2"
AXSER2OCCNR_ _ _	2-1/2" Curved	12 x 3/4 x 2-1/2"
AXSER4INCNR_ _ _	4" Straight	12 x 3/4 x 4"
AXSER4OCCNR_ _ _	4" Curved	12 x 3/4 x 4"
AXSER8INCNR_ _ _	8" Straight	12 x 3/4 x 8"
AXSER8OCCNR_ _ _	8" Curved	12 x 3/4 x 8"
AXIOM Soft Edge Soft Corners		
AXSES2STR_ _ _	2-1/2" Straight	120 x 3/4 x 2-1/2"
AXSES2CUR_ _ _	2-1/2" Curved	Vary x 3/4 x 2-1/2"
AXSES4STR_ _ _	4" Straight	120 x 3/4 x 4"
AXSES4CUR_ _ _	4" Curved	Vary x 3/4 x 4"
AXIOM Soft Edge Soft Corner Corners		
AXSES2INCNR_ _ _	2-1/2" Inside Corner	12 x 3/4 x 2-1/2"
AXSES2OSCNR_ _ _	2-1/2" Outside Corner	12 x 3/4 x 2-1/2"
AXSEC4INCNR_ _ _	4" Inside Corner	12 x 3/4 x 4"
AXSEC4OSCNR_ _ _	4" Outside Corner	12 x 3/4 x 4"
AXIOM Soft Edge Convex		
AXSEC2STR_ _ _	2-1/2" Straight	120 x 3/4 x 2-1/2"
AXSEC4STR_ _ _	4" Straight	120 x 3/4 x 4"
AXIOM Soft Edge Convex Corners		
AXSEC2INCNR_ _ _	2-1/2" Inside Corner	12 x 3/4 x 2-1/2"
AXSEC2OSCNR_ _ _	2-1/2" Outside Corner	12 x 3/4 x 2-1/2"
AXSEC4INCNR_ _ _	4" Inside Corner	12 x 3/4 x 4"
AXSEC4OSCNR_ _ _	4" Outside Corner	12 x 3/4 x 4"
Accessories		
AXTBC	T-Bar Connector Clip	–
AX4SPLICEB	Splice Plate with Setscrews	–

◆ Add the 3-letter type and color suffix to the item number when specifying or ordering (e.g., AXSER2STR H A), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AXSER2STR 3 H A)

DETAILS For more information, see submittal BPCS-3879.

CAD drawings available on armstrong.com/axiom





COLORS Due to printing limitations, shade may vary from actual product.

Standard





RAL & Custom Colors Available

NOTE: 360º paint finishes and custom colors available as special order

new COLORATIONS™ COLORS





Made-to-order Sherwin-Williams® Colors Available

Refer to BPCS-3996 Axiom Color Chart for new Colorations colors, available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system, and Axiom – Soft Edge trim.

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RAL is a registered trademark of RAL gGmbH
Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

AXIOM® Transitions

Trim
straight & curved



Axiom® Transitions trim

Fast and easy way to create crisp transitions between ceiling planes regardless of material type.

KEY SELECTION ATTRIBUTES

- Axiom Transitions is an aluminum extrusion to create a smooth transition between drywall and suspended ceilings (mineral fiber, metal, or wood)
- Extruded aluminum trim provides more crisp edge detailing compared to convention roll-formed steel systems
- Compatible with Armstrong® suspension systems and Drywall Grid Systems
- **Acoustical-to-Drywall Transitions** are available straight and curved for perfect fit and finish every time
- **Axiom Transitions – Vector®** is available straight only for use with full size Vector panels (field cutting Vector panels can be avoided)
- **Axiom Transitions – Elevation Change** accommodates Acoustical-to-Acoustical, Acoustical to-Drywall, Drywall-to-Acoustical, Drywall-to-Drywall height transitions of 2", 4", 6", 8", and 10"
- Minimum Bend Radius for Transitions – Elevation Change 2", 4", 6", and 8" is 48", 10" is 60"
- Minimum Bend Radius for Transitions – No Elevation Change (refer to the middle of page 2 for minimum bend radius)

VISUAL SELECTION

Item No.	Description	Dimensions
AXIOM Transitions (no elevation change)		
AXTRVESTR	Straight Transition for Vector	120 x 2-9/16 x 1-11/16"
new **AXTR7901STR**	9/16" Shadow Reveal Transition Molding, Straight	120 x 2-9/16 x 1-13/16"
new **AXTR7901CUR**	9/16" Shadow Reveal Transition Molding, Curved	Vary x 2-9/16 x 1-13/16"
new **AXTR7902STR**	15/16" Shadow Reveal Transition Molding, Straight	120 x 2-9/16 x 2-3/16"
new **AXTR7902CUR**	15/16" Shadow Reveal Transition Molding, Curved	Vary x 2-9/16 x 2-3/16"
new **AXTR7904STR**	15/16" Flush Transition Molding, Straight	120 x 2-9/16 x 1-3/4"
new **AXTR7904CUR**	15/16" Flush Transition Molding, Curved	Vary x 2-9/16 x 1-3/4"
new **AXTR7905STR**	9/16" Flush Transition Molding, Straight	120 x 2-9/16 x 1-3/8"
new **AXTR7905CUR**	9/16" Flush Transition Molding, Curved	Vary x 2-9/16 x 1-3/8"
new **AXTR7906STR**	"F" Type Molding, Straight	120 x 1-13/16 x 1-11/16"
new **AXTR7906CUR**	"F" Type Molding, Curved	Vary x 1-13/16 x 1-11/16"
AXIOM Transitions (elevation change)		
AXTR7907STR	9/16" Tegular Transition Molding, Straight	120 x 2-9/16 x 1-11/16"
AXTR7907CUR	9/16" Tegular Transition Molding, Curved	Vary x 2-9/16 x 1-11/16"
new **AXTR7908STR**	15/16" Tegular Transition Molding, Straight	120 x 2-9/16 x 1-13/16"
new **AXTR7908CUR**	15/16" Tegular Transition Molding, Curved	Vary x 2-9/16 x 1-13/16"
new **AXTR7909STR**	15/16" Tegular Transition Molding – 1" Height, Straight	120 x 2-13/16 x 1-11/16"
new **AXTR7909CUR**	15/16" Tegular Transition Molding – 1" Height, Curved	Vary x 2-13/16 x 1-11/16"
new **AXTR7910STR**	9/16" Tegular Transition Molding – 1" Height, Straight	120 x 2-13/16 x 1-3/8"
new **AXTR7910CUR**	9/16" Tegular Transition Molding – 1" Height, Curved	Vary x 2-13/16 x 1-3/8"
new **AX15DSCSTR**	1-1/2" Acoustical Double-sided Connection, Straight	120 x 1-15/16 x 1-1/2"
new **AX15DSCCUR**	1-1/2" Acoustical Double-sided Connection, Curved	Vary x 1-15/16 x 1-1/2"

MINIMUM BEND RADIUS:

Profile: AXTR7901 • Inside Curve – 48", Outside Curve – 120"

Profiles: AXTR7902, AXTR7904, AXTR7905 • Inside Curve – 96", Outside Curve – 600"

Profiles: AXTR7906, AXTR7907, AXTR7908, AXTR7909, AXTR7910 • Inside and Outside Curve – 36"

Profile: AX15DSC • Inside and Outside Curve – 60"

AXIOM® Transitions

Trim
straight & curved

LEED®

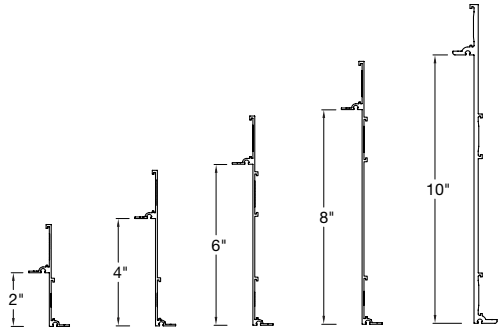
energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT

VISUAL SELECTION continued

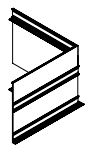
AXIOM Transitions (elevation change)

Item No.◆	Description	Dimensions (Inches)
AXTR2STR_ _	2" Straight Transition	120 x 2 x 1-1/2"
AXTR2CUR_ _**	2" Curved Transition	Vary x 2 x 1-1/2"
AXTR4STR_ _	4" Straight Transition	120 x 4 x 1-1/2"
AXTR4CUR_ _**	4" Curved Transition	Vary x 4 x 1-1/2"
AXTR6STR_ _	6" Straight Transition	120 x 6 x 1-1/2"
AXTR6CUR_ _**	6" Curved Transition	Vary x 6 x 1-1/2"
AXTR8STR_ _	8" Straight Transition	120 x 8 x 1-1/2"
AXTR8CUR_ _**	8" Curved Transition	Vary x 8 x 1-1/2"
AXTR10STR*_ _**	10" Straight Transition	120 x 10 x 1-1/2"
AXTR10CUR_ _	10" Curved Transition	Vary x 10 x 1-1/2"



AXIOM Transitions QuickShip™ Corners

	AXTR2QSOS_ _	2" Transition Outside Corner	12 x 2 x 1-1/2"
	AXTR4QSIS_ _	4" Transition Inside Corner	12 x 4 x 1-1/2"
	AXTR4QSOS_ _	4" Transition Outside Corner	12 x 4 x 1-1/2"
	AXTR6QSIS_ _	6" Transition Inside Corner	12 x 6 x 1-1/2"
	AXTR6QSOS_ _	6" Transition Outside Corner	12 x 6 x 1-1/2"
	AXTR8QSIS_ _	8" Transition Inside Corner	12 x 8 x 1-1/2"
	AXTR8QSOS_ _	8" Transition Outside Corner	12 x 8 x 1-1/2"
new	**AXTR10QSIS_ _**	10" Transition Inside Corner	12 x 10 x 1-1/2"
new	**AXTR10QSOS_ _**	10" Transition Outside Corner	12 x 10 x 1-1/2"



Inside 90°
AXTR10QSIS Corner



Outside 90°
AXTR6QSOS Corner

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials* ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

*LOCATION DEPENDENT

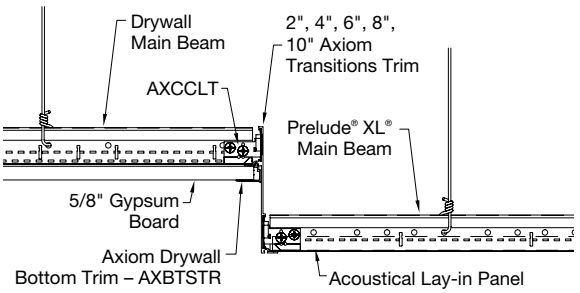
AXIOM® Transitions

Trim
straight & curved

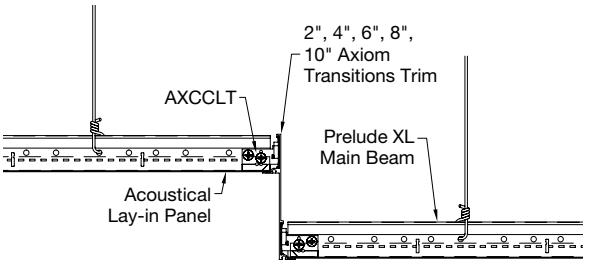
DETAILS

CAD drawings available on armstrong.com/axiom

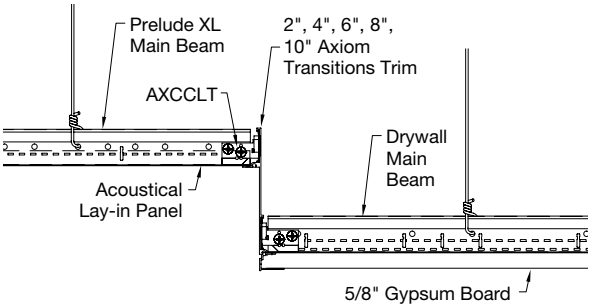
Drywall-to-Acoustical



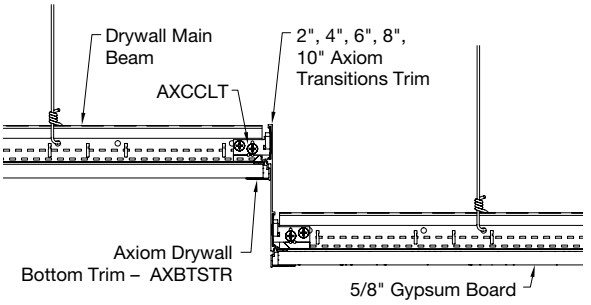
Acoustical-to-Acoustical



Acoustical-to-Drywall



Drywall-to-Drywall



ACCESSORIES

Item Number	Description	Dimensions
AX4SPLICEB	Splice Plate with Setscrews	—
AXTBC	T-Bar Connector Clip	—
AXCCLT	T-Bar Connector Twist Clip	—
AXBTSTR	Axiom Straight Drywall Bottom Trim	—

COLORS Due to printing limitations, shade may vary from actual product.

Standard

White (WH) · Cream (CR) · Haze (HA) · Camel (CM) · Platinum (PL) · Tech Black (BL) · Silver Satin (SA) · Silver Grey (SG) · Gun Metal Grey (MY) · Wolf (WK) · Vanilla (VA) · Slate (ST)



RAL and Custom Colors Available

NOTE: Colors available on Transitions (elevation change) 360º paint finishes and custom colors available as special order

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RAL is a registered trademark of RAL gGmbH

Armstrong®

AXIOM® Vector®

Trim
straight & curved

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials* ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

*LOCATION DEPENDENT



Axiom® Vector® trim

This coordinates perfectly with Armstrong® Vector® ceiling panels to mimic the 1/4" reveal with a narrow vertical fin profile.

KEY SELECTION ATTRIBUTES

- Incorporates the sophisticated grid-hiding visual of a Vector ceiling with a perimeter
- Recommended for use with full-size Vector ceiling panels; preserves factory-cut Vector edge detail
- Standard 90° factory-mitered inside corner and outside corner posts available
- Colors coordinate with Armstrong ceiling and grid systems; custom colors available
- Extruded aluminum trim provides more crisp-edge detailing compared to conventional roll-formed steel systems
- Compatible with Armstrong exposed suspension systems and Drywall Grid Systems
- Custom slotting, perforating, and cutouts available

VISUAL SELECTION

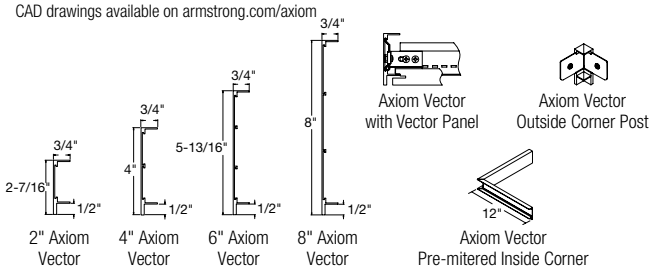
Item No.◆	Description	Dimensions
AXIOM Vector		
AX2VESTR_ _ _	2" Straight	120 x 3/4 x 2"
AX2VECUR_ _ _	2" Curved	Vary x 3/4 x 2"
AX4VESTR_ _ _	4" Straight	120 x 3/4 x 4"
AX4VECUR_ _ _	4" Curved	Vary x 3/4 x 4"
AX6VESTR_ _ _	6" Straight	120 x 3/4 x 6"
AX6VECUR_ _ _	6" Curved	Vary x 3/4 x 6"
new **AX8VESTR**_ _ _	8" Straight	120 x 3/4 x 8"
new **AX8VECUR**_ _ _	8" Curved	Vary x 3/4 x 8"
AXIOM Vector Pre-mitered QuickShip™ Corners		
AX2VEQSIS_ _ _	2" Inside Corner	12 x 3/4 x 2"
AX2VEQSOS_ _ _	2" Outside Corner	12 x 3/4 x 2"
AX4VEQSIS_ _ _	4" Inside Corner	12 x 3/4 x 4"
AX4VEQSOS_ _ _	4" Outside Corner	12 x 3/4 x 4"
AX6VEQSIS_ _ _	6" Inside Corner	12 x 3/4 x 6"
AX6VEQSOS_ _ _	6" Outside Corner	12 x 3/4 x 6"
new **AX8VEQSIS**_ _ _	8" Inside Corner	12 x 3/4 x 8"
new **AX8VEQSOS**_ _ _	8" Outside Corner	12 x 3/4 x 8"
AXIOM Vector Corner Posts*		
AX2VEISCP_ _ _	2" Inside Corner Post	3/4 x 3/4 x 2"
AX2VEOSCP_ _ _	2" Outside Corner Post	3/4 x 3/4 x 2"
AX4VEISCP_ _ _	4" Inside Corner Post	3/4 x 3/4 x 4"
AX4VEOSCP_ _ _	4" Outside Corner Post	3/4 x 3/4 x 4"
AX6VEISCP_ _ _	6" Inside Corner Post	3/4 x 3/4 x 6"
AX6VEOSCP_ _ _	6" Outside Corner Post	3/4 x 3/4 x 6"
new **AX8VEISCP**_ _ _	8" Inside Corner Post	3/4 x 3/4 x 8"
new **AX8VEOSCP**_ _ _	8" Outside Corner Post	3/4 x 3/4 x 8"
Accessories		
AX4SPLICEB	Splice Plate with Setscrews	—
AXTBC	T-Bar Connector Clip	—

◆ Add the 3-letter type and color suffix to the item number when specifying or ordering (Example: AX8VESTR H A), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AX8VESTR 3 H A)

* Not available in architectural film finishes

DETAILS For more information, see submittal BPCS-3529.

CAD drawings available on armstrong.com/axiom



COLORS Due to printing limitations, shade may vary from actual product.

Standard



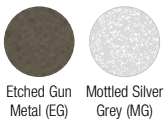


RAL and Custom Colors Available

NOTE: 360º paint finishes and custom colors available as special order

ARCHITECTURAL FILM FINISHES
(white or black background)





NOTE: White is standard color for all AXIOM products.

new BLIZZARD WHITE FINISH

Blizzard White (ZW)

NOTE: Blizzard White finish available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

new COLORATIONS™ COLORS (partial list)





Made-to-order Sherwin-Williams® Colors Available

Refer to BPCS-3996 Axiom Color Chart for new Colorations colors, available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system, and Axiom – Vector trim.

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Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

50% ALUMINUM RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials*	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓				

*LOCATION DEPENDENT

AXIOM® Wall Moldings & Column Rings

Trim
straight & curved



This extruded aluminum trim provides crisp-edge detailing compared to conventional roll-formed steel systems.

KEY SELECTION ATTRIBUTES

- 5 molding profiles available straight or curved, to be used as wall moldings or column rings
- Compatible with Armstrong® acoustical and drywall suspension systems

MINIMUM BEND RADIUS

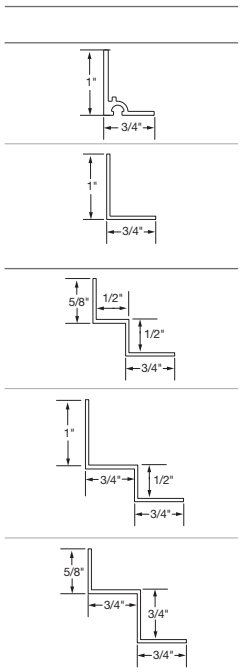
	Wall Moldings		Column Rings
	Outside Curve	Inside Curve	Inside Curve
AXMCUR	24"	24"	48"
AXM34CUR	6"	6"	12"
AXM5050CUR	8"	18"	36"
AXM5075CUR	8"	14"	28"
AXM7575CUR	9"	18"	36"

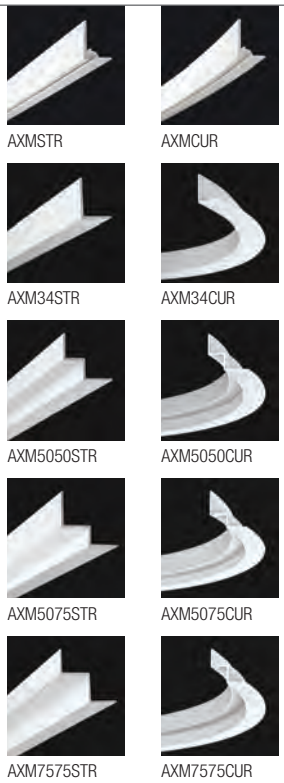
VISUAL SELECTION

Item Number◆	Description	Dimensions Length x A x B
Angle Molding		
AXMSTR _ _ _	Straight Wall Molding - with Axiom Reveal	120" x 1" x 3/4"
AXMCUR _ _ _	Curved Wall Molding/Column Ring with Axiom Reveal	120" x 1" x 3/4"
AXM34STR _ _ _	Straight Wall Molding - Shadow	120" x 1" x 3/4"
AXM34CUR _ _ _	Curved Wall Molding/Column Ring Shadow	120" x 1" x 3/4"
Shadow Molding		
AXM5050STR _ _ _	Straight Wall Molding - Shadow	120" x 3/4" x 5/8" x 1/2" x 1/2"
AXM5050CUR _ _ _	Curved Wall Molding/Column Ring Shadow	120" x 3/4" x 5/8" x 1/2" x 1/2"
AXM5075STR _ _ _	Straight Wall Molding - Shadow	120" x 1" x 5/8" x 1/2" x 3/4"
AXM5075CUR _ _ _	Curved Wall Molding/Column Ring Shadow	120" x 1" x 5/8" x 1/2" x 3/4"
AXM7575STR _ _ _	Straight Wall Molding - Shadow	120" x 3/4" x 5/8" x 3/4" x 3/4"
AXM7575CUR _ _ _	Curved Wall Molding/Column Ring Shadow	120" x 3/4" x 5/8" x 3/4" x 3/4"

◆ Add the 3-letter color suffix to the item number when specifying or ordering (Example: AXMSTR W H), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (Example: AXS8VESTR 3 H A)

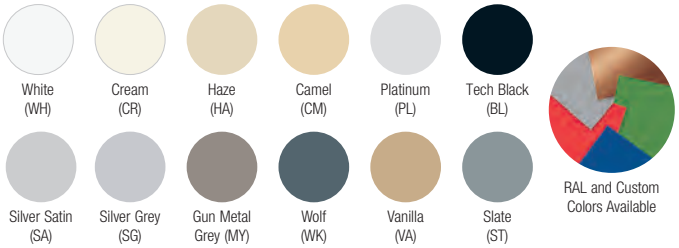
DETAILS
For more information, see submittal BPCS-4473.





COLORS
Due to printing limitations, shade may vary from actual product.

Standard



NOTE: 360º Painted finishes and custom colors available as special order

new COLORATIONS™ COLORS (partial list)



Refer to BPCS-3996 Axiom Color Chart for new Colorations colors, available on coordinating Calla™ ceiling panels, Suprafine® 9/16" suspension system, and Axiom® Wall Moldings and Column Rings.

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Sherwin-Williams® is a registered trademark of The Sherwin-Williams Company

Armstrong®

drywall systems



Drywall Grid Suspension System with
custom Axiom® trim; NOAA, Tuscaloosa, AL
Gould Evans Architects, New Orleans, LA

DRYWALL INSTALLATION SYSTEMS
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

DRYWALL SUSPENSION AND FRAMING SYSTEMS



Drywall Grid Systems - Flat Ceilings Pg. 324-325



Drywall Grid Systems – Curved Ceilings Pg. 326



QuikStix™ Drywall Grid System with Locking Pocket Main Beams Pg. 327



QuikStix Drywall Grid System for Soffits Pg. 328



ShortSpan® Drywall Framing System Pgs. 329-330

ICON KEY

Icons are used throughout the catalog to help you quickly identify key product attributes.

Fire Resistance
Available in fire-resistive options (Fire Guard™); tested in specific UL floor/ceiling or roof/ceiling construction design assemblies.

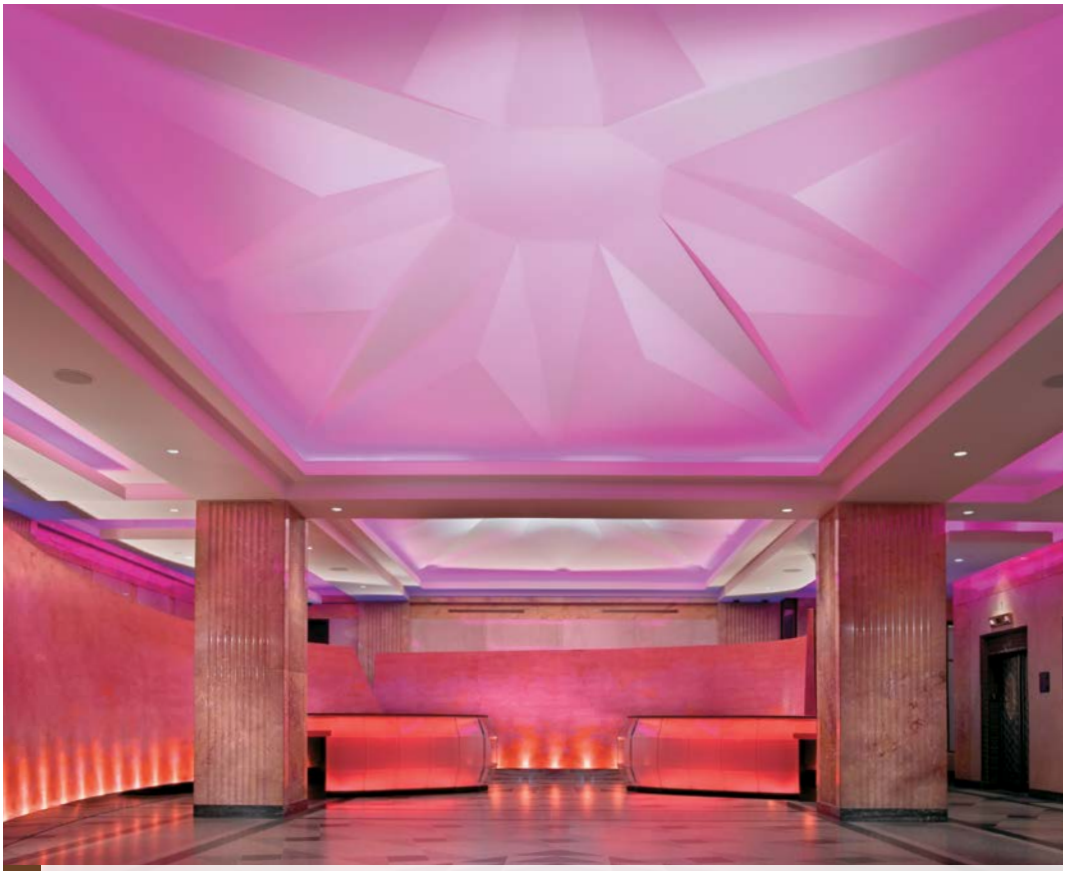
Chemical Corrosion
G90 hot-dipped galvanized coating available for exterior applications.

Seismic
Category D, E & F

PeakForm®
Peaked roof top bulb increases strength for improved performance.

DRYWALL Grid Systems

Flat and Curved Ceiling Installation Systems



Drywall Grid System for flat ceilings with Axiom® Classic Curved trim



See more photos at:
armstrong.com/photogallery
SEARCH: drywall

Pre-engineered drywall ceiling suspension system that is three times faster to install than traditional track and channel framing.

KEY SELECTION ATTRIBUTES

- Some components available in High Recycled Content (HRC): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- Non-HRC items have 30% recycled content
- **PeakForm®** patented profile increases strength and stability for improved performance during installation
- **SuperLock™** main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove and relocate
- new HD8906IIC main beam accepts integral Impact Isolation Clips (IIC) to provide up to eight points of IIC improvement.
- **ScrewStop™** reverse hem prevents screw spin off on 1-1/2" wide face
- Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation
- HD8906 (HRC) main beams and cross tees with extra routings for Type F light fixtures
- Minimum G40 hot dipped galvanized coating, per ASTM C645; provides superior corrosion resistance
- Wind uplift construction available
- **XL®** (staked-on end detail) cross tees provide secure locked connection; fast and easy to install
- All drywall components minimum .018" steel thickness; complies with ASTM C645
- Accommodates stud, track, hat channel, wood, or other supplemental framing
- Fire Guard™ components meet broad range of UL design assemblies (XL7936G90 is not fire rated)
- 10-Year Limited System Warranty
- 30-Year Limited Ceiling Systems Warranty
- G90 hot dipped galvanized coating is available for exterior applications (HD8906G90, XL8945PG90, XL8947PG90, XL8965G90, XL8925G90, XL7936G90)

TYPICAL APPLICATIONS

- Wet installations (stucco/plaster)
- Indoor (G40)
- Exterior applications (G90)
- Soffits/special transitions
- High visibility areas
- Combination drywall and acoustical panel or tile ceilings

COLOR

Due to printing limitations, shade may vary from actual product.

Unpainted



Drywall Main Beam, Cross Tee, and Angle Molding

DRYWALL Grid Systems

Flat Ceilings

UP TO 61% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt ✓; regional materials ✓; design for flexibility ✓; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✓; sourcing of raw materials ✓; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

VISUAL SELECTION

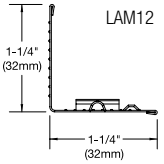
PACKAGING

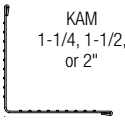
Face Profile	Item No.	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft. 2 Ft.	3 Ft.	4 Ft.	Pcs/ Ctn	Lin. Ft./ Ctn
Drywall Grid Main Beams (Red Numbers are Fire Guard™ Items)									
1-1/2"	**HD8906HRC HD8906G90 HD8906 HD8906IIC**	12' HD Drywall Main Beam (For Type F Light Fixtures)	42 routes – starting 2-1/4" from each end†	144 x 1-1/2 x 1-11/16"	95.5	43.19	18.66	12	144
new 1-1/2"	**HD890610**	10' HD Drywall Main Beam (For Type F Light Fixtures)	51 routes – starting 2-1/4" from each end†	120 x 1-1/2 x 1-11/16"	95.5	43.19	18.66	12	120
1-1/2"	**SP135**	135" HD Stucco Main Beam G90	13.5" O.C.	135 x 1-1/2 x 1-11/16"	95.5	43.19	18.66	12	130
Drywall Grid Cross Tees									
1-1/2"	**XL8965 XL8965HRC**	6' Drywall Cross Tee	6 routes – starting 24" from each end	72 x 1-1/2 x 1-1/2"	6'	4.58	–	36	216
1-1/2"	**XL8947P**	50" Drywall Cross Tee	8 routes – starting 10" from each end†	50 x 1-1/2 x 1-1/2"	50"	12.79	–	36	150
1-1/2"	**XL8945P XL8945PHRC**	4' Drywall Cross Tee	9 routes – center route and starting 10" from each end†	48 x 1-1/2 x 1-1/2"	4'	14.27	–	36	144
1-1/2"	**XL7936G90**	3' Drywall Cross Tee	none	36 x 1-1/2 x 1-1/2"	3'	31.33	–	38	108
1-1/2"	**XL8926G90**	2' Cross Tee	3 routes – center route and 10" from each end†	24 x 1-1/2 x 1-1/2"	2'	90.25	–	36	78

* NOTE: All load test data based on flat installation per ASTM C635. ASTM Class ID - Intermediate-duty HD - Heavy-duty LD - Light-duty

Face Profile	Item No.	Description	Dimensions	Pcs./ Ctn	Lin. Ft./ Ctn.
Knurled Angle Molding					
1-1/4"	**KAM10**	10' Knurled Angle Molding (0.18mil)	120 x 1-1/4 x 1-1/4"	10	100
1-1/4"	**KAM12/ KAM12HRC**	12' Knurled Angle Molding (0.18mil)	144 x 1-1/4 x 1-1/4"	10	120
1-1/4"	**KAM12G90**	12' Knurled Angle Molding (0.18mil)	144 x 1-1/4 x 1-1/4"	10	120
1-1/2"	**KAM1510**	10' Knurled Angle Molding (0.18mil)	120 x 1-1/2 x 1-1/2"	10	100
1-1/2"	**KAM1512**	12' Knurled Angle Molding (0.18mil)	144 x 1-1/2 x 1-1/2"	10	120
1-1/2"	**KAM151020E**	10' Knurled Angle Molding (0.28mil)	120 x 1-1/2 x 1-1/2"	10	100
1-1/2"	**KAM151020**	10' Knurled Angle Molding (0.33mil)	120 x 1-1/2 x 1-1/2"	10	100
new 1-1/2"	**KAM151220E**	12' Knurled Angle Molding (0.28mil)	144" x 1-1/2" x 1-1/2"	10	120
2"	**KAM21025**	10' Knurled Angle Molding (0.18mil)	120" x 2" x 2"	10	100
2"	**KAM21020EQ**	10' Knurled Angle Molding (0.28mil)	120" x 2" x 2"	10	100
2"	**KAM21020**	10' Knurled Angle Molding (0.33mil)	120" x 2" x 2"	10	100

Face Profile	Item No.	Description	Dimensions	Pcs./ Ctn	Lin. Ft./ Ctn.
Molding					
3/4"	**7838**	10' Channel Molding	120 x 1-1/4 x 1-9/16 x 3/4"	20	200
15/16"	**7858**	12' Reverse Angle Molding	144 x 1-9/16 x 15/16"	20	240
1-1/4"	**LAM12/LAM12HRC LAM12G90**	12' Locking Angle Molding (Locking Tabs 8" O.C.)	144 x 1-1/4 x 1-1/4"	20	240





PHYSICAL DATA

Material
Hot-dipped galvanized steel

Surface Finish
Unpainted steel

Fire Resistance Rating
Resistive when used in applicable UL fire resistive designs. Fire Guard™ components meet UL Design Listings D501, D502, G523, G524, G526, G527, G528, G529, G553, G560, J502, L502, L508, L513, L515, L525, L526, L529, L564, P506, P507, P508, P509, P510, P513, P514, P516

Cross Tee/Main Beam Interface
Override

End Detail
Main Beam: Staked-on clip (HD8906, HD8906G90)
Cross Tee: Staked-on clip

Seismic Performance
ICC Evaluation Service, Inc. ESR-1289

Complies with IBC requirements.
Drywall ceilings are a continuous membrane.
Consult local codes for requirements.

MAIN BEAMS	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
HD8906	374.0
HD89906IIC	374.0
HD8906HRC	374.0

CROSS TEES	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
XL7936G90 XL8926 XL8945P XL8947P XL8965 XL8965HRC XL8945PHRC	377.0

ICC Reports
For areas under ICC jurisdiction, see ICC evaluation report number ESR-1289 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions, and possible cancellation.

Warranty
Warranty details available at armstrong.com/warranty

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Armstrong®

DRYWALL Grid Systems

Curved Ceilings

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓					✓	✓			

▲ LOCATION DEPENDENT



Faceted Drywall Grid System for curved drywall ceilings

Pre-engineered suspension system with notched main beams to simplify curved drywall installations and complicated designs.

VISUAL SELECTION

PACKAGING

Face Profile	Item No.	Description	Dimensions (Inches)	Route Spacing	Load Test Data* (Lbs./Lin. Ft.) L/360	L/240	Pcs./ Ctn.	Lin. Ft./ Ctn.
Faceted Drywall Grid Main Beams					**3 Ft.**	**4 Ft.**		
1-1/2"	**HD8906F08**	12' Faceted Drywall Main Beam: for creating curved installations	144 x 1-1/2 x 1-11/16"	51 routes – 8" O.C.	12.3	18.4	12	144
1-1/2"	**HD8906F16**	12' Faceted Drywall Main Beam: for creating curved installations	144 x 1-1/2 x 1-11/16"	51 routes – 16" O.C.	12.3	18.4	12	144
Drywall Grid Cross Tees								
1-1/2"	**XL8965 XL8965HRC**	6' Drywall Cross Tee	72 x 1-1/2 x 1-1/2"	6 routes – starting 24" from each end	4.27 @ 72"	6.4 @ 72"	36	216
1-1/2"	**XL8947P XL8947PG90**	50" Drywall Cross Tee	50 x 1-1/2 x 1-1/2"	8 routes – starting 10" from each end – for Type F light fixtures	13 @ 50"	19.5 @ 50"	36	150
1-1/2"	**XL8945P XL8945PHRC XL8945PG90**	4' Drywall Cross Tee	48 x 1-1/2 x 1-1/2"	9 routes – center route and starting 10" from each end – for Type F light fixtures	15	22.5	36	144
1-1/2"	**XL7936G90**	3' Drywall Cross Tee	36 x 1-1/2 x 1-1/2"	None	33.33 @ 3'	49.96 @ 3'	38	108
1-1/2"	**XL8925 XL8925G90**	26" Drywall Cross Tee	26 x 1-1/2 x 1-1/2"	2 routes – 12" from each end	98 @ 2'	117 @ 2'		
1-1/2"	**XL8926 XL8926G90**	2' Cross Tee	24 x 1-1/2 x 1-1/2"	3 routes – center route and 10" from each end	129 @ 2'	158 @ 2'	36	78
1-1/2"	**XL7918**	14" Cross Tee	14 x 1-1/2 x 1-1/2"	None	71.5 @ 2'	107 @ 2'	36	42

Accessories (For additional accessories, see pages 331-332.)

	RC2	Radius Clip	205
	FZRC2	Radius Clip	50

* NOTE: All load test data based on flat installation per ASTM C635.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

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QUIKSTIX™

Drywall Grid System Locking Pocket Main Beams

UP TO **61%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓	✓				

▲ LOCATION DEPENDENT



QuikStix™ Drywall Ceiling System

Drywall suspension systems specifically engineered for faster, easier drywall installation...even for drywall spans of up to 7'.

KEY SELECTION ATTRIBUTES

ShortSpan® Tees

- Some components available in High Recycled Content (HRC); Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- Non-HRC items have 30% recycled content
- 1-1/2" wide face exceeds the minimum industry standard
- **ScrewStop**™ reverse hem prevents screw spin off
- Balanced profile stays flat during installation
- Rotary stitching on double web adds strength and stability
- Deep knurled surface for easy screw insertion
- G40, .018" metal thickness meets ASTM C645

StrongBack™

- Easy, pre-engineered solution to support spans over 6 or 7 feet

Locking Angle Molding

- Pre-engineered locking tabs punched 8" on center:
  - Eliminate measuring 16" or 24"
  - Prevent lateral and upward movement
  - Eliminate screws, pop rivets, or crimpers needed to attach tees to molding
- Knurled surface on both flanges
- **ScrewStop** reverse hem prevents screw spin-off and provides safer handling
- 10-year limited warranty

TYPICAL APPLICATIONS

- Condominiums
- Apartments
- Residences
- Dormitories
- Barracks
- Town homes
- Rest rooms
- Motels
- Hotels
- Villas
- Suites

VISUAL SELECTION

MAXIMUM LOAD (LBS./LIN FT)*

PACKAGING

Face Profile	Item No.	Description	Dimensions	Lin. Ft./ Bundle	Hanger Spacing Lbs./Lin. Ft. 3 Ft.	Hanger Spacing Lbs./Lin. Ft. 4 Ft.	Pcs./ Bundle
QUIKSTIX Locking Pocket Main Beams (Red Numbers are Fire Guard™ Items)							
1-1/2"	**QSLPM12** **QSLPM12G90**	Locking Pocket Main Beam	144 x 1-1/2 x 1-1/2"	144	26.95	14.15	12
SHORTSPAN Cross Tees							
1-1/2"	**S7708** **S7708G90**	ShortSpan Tee	96 x 1-1/2 x 1-1/2"	96	–	–	12
1-1/2"	**S7710** **S7710G90**	ShortSpan Tee	120 x 1-1/2 x 1-1/2"	120	–	–	12
1-1/2"	**S7712** **S7712HRC** **S7712G90**	ShortSpan Tee	144 x 1-1/2 x 1-1/2"	144	–	–	12
1-1/2"	**S7714** **S7714HRC** **S7714G90**	ShortSpan Tee	168 x 1-1/2 x 1-1/2"	168	–	–	12

* Simple Span L/240

NOTE: 5/8" drywall weighs 2.4 lbs./SF
1/2" drywall weighs 2.0 lbs./SF
1/2" lite drywall weighs 1.3-1.4 lbs./SF

ACCESSORIES

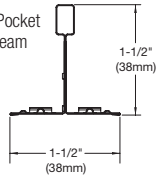
Item No.	Description	Pcs./Ctn.
QSUTC	QuickStix Uptight Clip	150

For Molding and Knurled Angle Molding, see page 325.

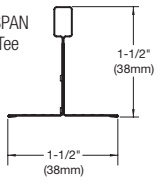
DETAILS

For more information, see submittal BPCS-3639.

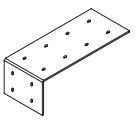
Locking Pocket Main Beam



SHORTSPAN Cross Tee



QSUTC



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Armstrong®

QUIKSTIX™

Drywall Grid System for Soffits

30% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓				✓	✓				

▲ LOCATION DEPENDENT



A faster, easier, better way to frame drywall soffits; designed to significantly reduce time and labor associated with cutting and measuring.

KEY SELECTION ATTRIBUTES

- Faster, easier, better way to frame Drywall Soffits of all types
- Knockouts at 6" and 8" centers reduce cutting time
- Alignment holes make screw installation simple
- Forms perfect 30°, 45°, 60°, 75° and 90° angles
- Flattened bulb is offset to allow true angles without interference
- Bending crimp prevents misalignment
- 90° angle fits locking angle molding (LAM-12)

Locking Angle Molding

- Patent-pending faster, more accurate solution
- Pre-engineered locking tabs punched 8" on center:
  - Eliminate measuring 16" or 24"
  - Locking tabs prevent lateral and upward movement
  - Eliminate screws, pop rivets, or crimpers needed to attach tees to molding
- Knurled surface on both flanges
- **ScrewStop™** reverse hem prevents screw spin-off and provides safer handling
- Crimp marks at locking tabs for fast, easy alignment
- 10-year limited warranty

VISUAL SELECTION

Item No.	Dimensions
QuickStix™ for Soffits	
QS612 **QS612G90**	144 x 1-1/2 x 1-1/2"
QS812 **QS812G90**	144 x 1-1/2 x 1-1/2"

* Simple Span L/240

MAXIMUM LOAD (LBS./SF)*

Lin. Ft./ Bundle	O.C. Spacing	3' Span Lbs./SF	4' Span Lbs./SF	O.C. Knockouts
144	6"	–	4.87	6"
144	8"	2.80	–	8"

VISUAL SELECTION

Item No.	Description	Dimensions
Molding		
LAM12 **LAM12G90** **LAM12HRC**	12' Locking Angle Molding (Locking tabs 8" O.C.)	144 x 1-1/4 x 1-1/4"
KAM12 **KAM12HRC**	12' Knurled Angle Molding	144 x 1-1/4 x 1-1/4"
KAM1510	10' Knurled Angle Molding	120 x 1-1/2 x 1-1/2"
KAM1512	12' Knurled Angle Molding	144 x 1-1/2 x 1-1/2"

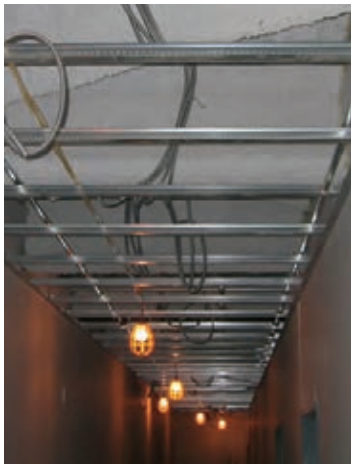
PACKAGING

Pcs./ Bundle	Lin. Ft./ Bundle
20	240
10	120
10	100
10	120

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SHORTSPAN®

Drywall Framing System



The fastest and easiest way to frame flat drywall ceilings up to 14' wide.

KEY SELECTION ATTRIBUTES

ShortSpan Cross Tees

- Easy, pre-engineered solution to support spans up to 7 feet with no independent support (See ICC-ES ESR-2311 section 4.23. & 4.2.4)
- Select items available in High Recycled Content (HRC) (S7712, S7714): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- **ScrewStop**™ reverse hem prevents screw spin-off
- Balanced profile stays flat during installation
- Rotary stitching on double web adds strength and stability
- Deep knurled surface for easy screw insertion
- G40, .018" metal thickness meets ASTM C645

Locking Angle Molding

- Pre-engineered locking tabs punched 8" on center:
  - Eliminate measuring 16" or 24"O.C.
  - Locking tabs prevent lateral and upward movement
  - Eliminate screws, pop rivets, or crimpers needed to attach cross tees to molding
- Knurled surface on both flanges
- **ScrewStop** reverse hem prevents screw spin-off and provides safer handling
- Crimp marks at locking tabs for fast, easy alignment
- 10-year limited warranty

TYPICAL APPLICATIONS

- Condominiums
- Apartments
- Residences
- Dormitories
- Barracks
- Rest rooms
- Motels
- Hotels
- Villas
- Suites

FIRE RESISTANCE RATING

Meets a broad range of UL design assemblies D501, D502, G523, G524, G527, G528, G529, G531, G553, J502, L502, L508, L513, L515, L525, L526, L529, L564, P501, P506, P507, P508, P509, P510, P513, P514.

See UL Directory for design specifics

VISUAL SELECTION

PERFORMANCE

Item Number	Description	Dimensions	Performance (Fire Guard™ Only)	Packaging Pcs./ Bundle	Lin. Ft./ Bundle
			Dots represent high level of performance.		
SHORTSPAN™ Cross Tees (Red Numbers are Fire Guard™ Items)					
S7708 **S7708G90**	8' ShortSpan Cross Tee	96 x 1-1/2 x 1-1/2"	•	12	96
S7710 **S7710G90**	10' ShortSpan Cross Tee	120 x 1-1/2 x 1-1/2"	•	12	120
S7712 **S7712HRC** **S7712G90**	12' ShortSpan Cross Tee	144 x 1-1/2 x 1-1/2"	•	12	144
S7714 **S7714HRC** **S7714G90**	14' ShortSpan Cross Tee	168 x 1-1/2 x 1-1/2"	•	12	168
QUIKSTIX™ Locking Pocket Main Beams					
QSLPM12/ **QSLPM12G90**	Locking Pocket Main Beam	144 x 1-1/2 x 1-1/2"	–	12	144
StrongBack™ Support Hanger					
SB12	StrongBack	144 x 2"	–	12	144
SB12G90	StrongBack G90	144 x 2"	–	12	144
Wall Moldings					
LAM12	12' Locking Angle Molding (Locking tabs 8" O.C.)	144 x 1-1-1/4 x 1-1-1/4"	–	12	240
LAM12HRC	12' Locking Angle Molding (Locking tabs 8" O.C.)	144 x 1-1/4 x 1-1/4"	–	12	240
KAM10	Knurled angle molding – (.018" metal thickness)	120 x 1-1/4 x 1-1/4"	–	10	100
KAM12	Knurled angle molding – (.018" metal thickness)	144 x 1-1/4 x 1-1/4"	–	10	120
KAM12G90	Knurled angle molding – G90 galvanized steel coating (.018" metal thickness)	144 x 1-1/4 x 1-1/4"	–	10	120
KAM12HRC	Knurled angle molding – High Recycled Content (.018" metal thickness)	144 x 1-1/4 x 1-1/4"	–	10	120
KAM1510	Knurled angle molding – (.018" metal thickness)	120 x 1-1/2 x 1-1/2"	–	10	100
KAM1512	Knurled angle molding – (.018" metal thickness)	144 x 1-1/2 x 1-1/2"	–	10	120
KAM151020EQ	Knurled angle molding – (.028" metal thickness)	144 x 1-1/2 x 1-1/2"	–	10	100
KAM151020	Knurled angle molding – (.033" metal thickness)	144 x 1-1/2 x 1-1/2"	–	10	100
KAM21025	Knurled angle molding – (.018" metal thickness)	144 x 2 x 2"	–	10	100
KAM21020EQ	Knurled angle molding – (.028" metal thickness)	120 x 2 x 2"	–	10	100
KAM21020	Knurled angle molding – (.033" metal thickness)	120 x 2 x 2"	–	10	100

SHORTSPAN®

Drywall Framing System

UP TO 61% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

MAXIMUM LOAD TEST DATA IN LBS./SF - L/240

Item Number	Item Length	OC Spacing	4' Span Lbs./SF	5' Span Lbs./SF	6' Span Lbs./SF	7' Span Lbs./SF	8' Span Lbs./SF	10' Span Lbs./SF	12' Span Lbs./SF	14' Span Lbs./SF
S7708	8'	16"	18.38	–	–	–	18.38**	–	–	–
S7708	8'	24"	12.25	–	–	–	12.25**	–	–	–
S7710	10'	16"	–	9.97	–	–	–	9.54**	–	–
S7710	10'	24"	–	6.64	–	–	–	6.36**	–	–
S7712 (HRC)	12'	16"	–	–	4.87	–	–	–	4.87**	–
S7712 (HRC)	12'	24"	–	–	3.25	–	–	–	3.25**	–
S7714 (HRC)	14'	16"	–	–	–	2.80	–	–	–	2.80**
S7714 (HRC)	14'	16"	–	–	–	24.70**	–	–	–	9.53***
S7714 (HRC)	14'	24"	–	–	–	16.50**	–	–	–	6.36***

** Requires mid-span vertical support
*** Requires two vertical supports at 1/3 points

Note: 5/8" drywall weighs 2.4 lbs./SF (tees installed 16" or 24" on center)
1/2" drywall weighs 2.0 lbs/SF (tees installed 16" on center only)

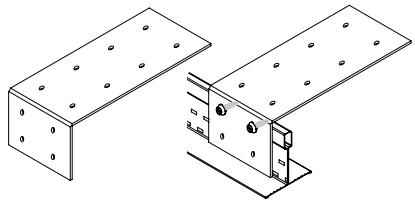
LOAD TEST DATA

Main Beams	Web Height	Hanger Spacing Uniform Load at L/240 (Lbs/LF) 3'	4'	5'	6'
S7708 **S7710** **S7712HRC** **S7714HRC**	1-1/2"		24.49	12.69	6.23
QSLPM12	1-1/2"	40.60	21.64		
SB12	2"	27.53	19.43		

ACCESSORIES

QSUTC – QuikStix™ Uptight Clip – Saves time in tight plenum areas and is adjustable to uneven surfaces.

QSUTC – 100 pcs
FZQSUTC – 50 pcs



INSTALLATION NOTES

1. Must screw LAM12 and KAM12 to wall structure using #8 x 1-1/4" wafer head self-drill sheet metal screws tested in 25 and 20 gauge steel studs)
2. ShortSpan® tees must be cut within 1/8" of the vertical leg of the LAM and QSLPM
3. Insert right-hand flange of tee into pocket "A" first and allow left flange to clear pocket "B" and rest on angle molding. Slide tee to the left to engage in pocket "B" (audible click).
4. When using StrongBack™ support system, open StrongBack (SB12) locking tabs with pliers (easier if performed on the floor)
5. Slide StrongBack support over the bulb of StrongBack tee and engage by bending locking tabs back tooriginal position
6. Support and level system to structure; attach vertical supports to StrongBack system as required
7. The ShortSpan system was installed per these installation notes to produce the load data provided in the chart above

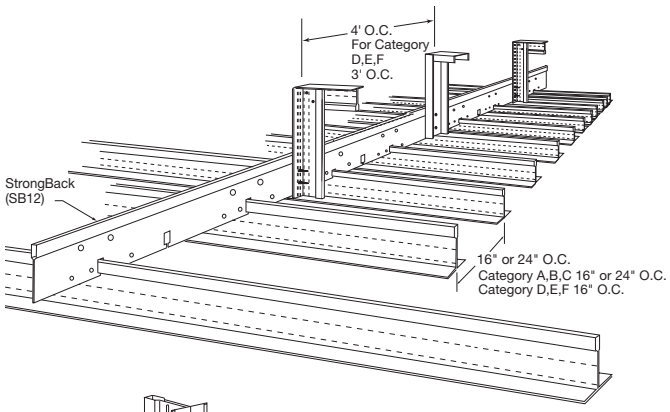
NOTE: For fire resistant installations, refer to UL Directory and Designs for details

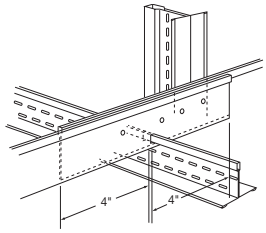
ShortSpan Vertical Support Requirements

Tees installed 16" or 24" on center with 5/8" drywall or only on 16" centers with 1/2" drywall (Seismic Design Categories A,B,C)	
Up to 7' 0" span	No vertical support required
7' 1" to 14' 0" span	Mid-span vertical support required
Tees installed 16" on center with 5/8" or 1/2" drywall (Seismic Design Categories D,E, F)	
Up to 7' 0" span	No vertical support required Reference ICC-ES ESR-2311
7' 1" to 14' 0" span	Mid-span vertical support required

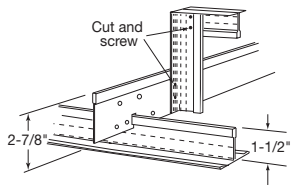
No Additional Screws Requirements For Seismic Areas

There's no need to screw ShortSpan Tees to Locking Angle Molding in Seismic Design Categories A-F (unless required by local code).

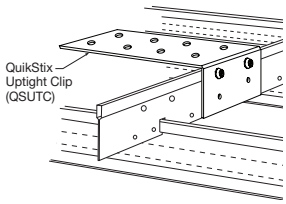




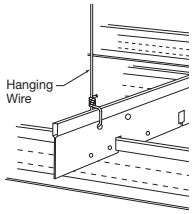
StrongBack Overlap Splice



300 lbs. pullout strength on the StrongBack support connection to ShortSpan Tee Bulb



StrongBack support attached to structure using the QuikStix™ Uptight Clip



StrongBack support attached to structure using hanging wire

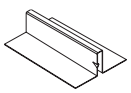
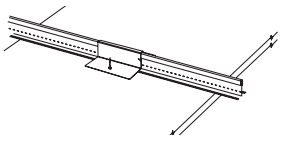
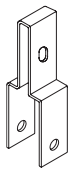
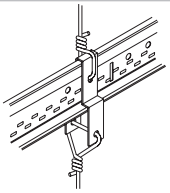
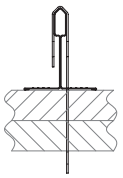
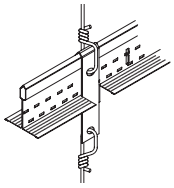
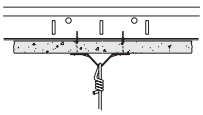
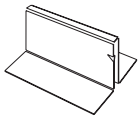
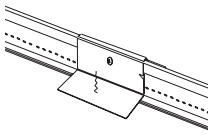
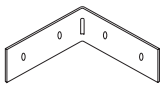
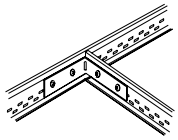
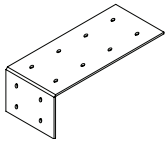
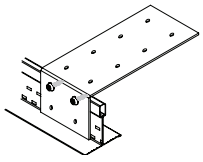
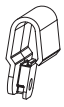
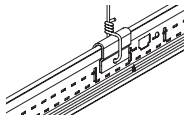
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DRYWALL INSTALLATION SYSTEMS – Accessories

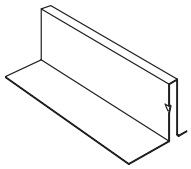
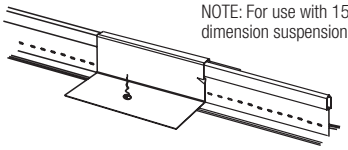
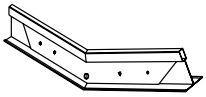
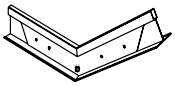
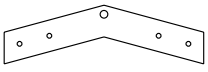
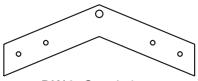
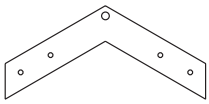
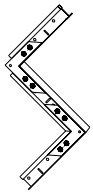
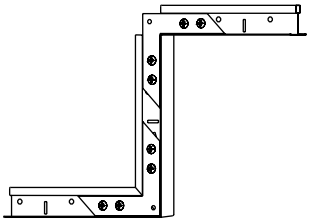
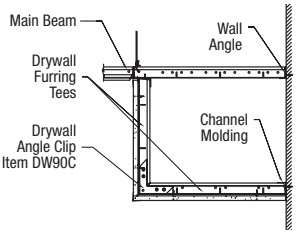
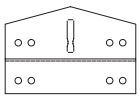
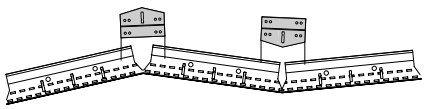
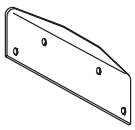
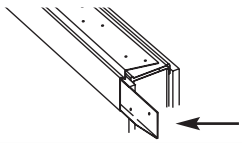
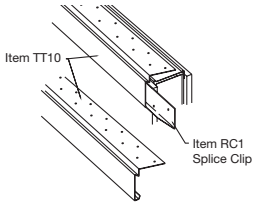
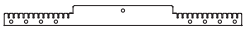
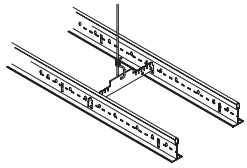
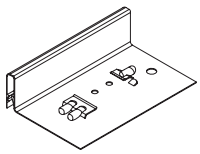
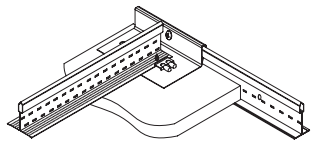
FastShip™

The FastShip™ Clips and Accessories Program offers over 90 clip and accessory items that are available for overnight or ground delivery direct to the jobsite in full-size or 50 piece cartons.

VISUAL SELECTION

Item Number	Description		
EHDC50 (for 1/2" ceiling panels and drywall) **EHDC58** (for 5/8" ceiling panels and drywall) **EHDC75** (for 3/4" ceiling panels and drywall) 125 pcs **FZEHDC50** (for 1/2" ceiling panels and drywall) **FZEHDC58** (for 5/8" ceiling panels and drywall) **FZEHDC75** (for 3/4" ceiling panels and drywall) 50 pcs	External Hold Down Clip locks under bulb of grid section to prevent upward movement and provide secure attachment surface. Keeps acoustical and drywall ceiling components in place during wind uplift and in high security areas.		
DLCC 250 pcs **FZDLCC** 50 pcs	DLCC – Direct Load Ceiling Clip is used to hang suspension system below existing 15/16" grid face, transferring weight directly to hanger wire; may be used to preserve the fire rating of an existing ceiling and to support heavy accessories		
DDC 250 pcs **FZDDC** 50 pcs	DDC – Double Drywall Clip is used to hang suspension system below existing 1-1/2" grid face, transferring weight directly to hanger wire; may be used to preserve the fire rating of an existing ceiling and to support heavy accessories; allows for double layer of 5/8" gypsum board		
DWC 250 pcs	DWC – Drywall Clip allows for a "second" ceiling to be installed below a drywall ceiling; attaches through installed drywall to supporting structure		
MBAC 70 pcs **FZMBAC** 50 pcs	MBAC – Main Beam Adapter Clip attaches to web of suspension system section; provides larger surface for screw attachments; used as a hold down clip for thin material (metal or plastic lay-in panels); fastens drywall track to underside of exposed suspension system with lay-in panels, leaving suspension system face free of screw holes		
XTAC 100 pcs **FZXTAC** 50 pcs	XTAC – Cross Tee Adapter Clip is used to attach field cut cross tees to main beams		
QSUTCA 150 pcs **FZQSUTCA** 50 pcs	QSUTCA – QuikStix™ Uptight Clip saves time in tight plenum areas and is adjustable to uneven surfaces		
new **IIC** 36 pcs	Impact Isolation Clip for use with HD8906IIC drywall grid main beam. Provides up to 8 points of IIC improvement to ensure your project meets IBC requirements. IIC Clip must be used with HD8906IIC Drywall Grid Main Beam		

VISUAL SELECTION

Item Number	Description	
DWACS 100 pcs **FZDWACS** 50 pcs	DWACS – Drywall Attachment Clip – Facilitates transition from drywall to acoustical ceiling; locks under bulb of grid section to prevent upward movement and provide secure attachment ssurface on one side of exposed grid	  NOTE: For use with 15/16" face dimension suspension system.
DW30C – 30º **DW45C** – 45º **DW60C** – 60º **DW90C** – 90º 250 pcs **FZDW30C** – 30º **FZDW45C** – 45º **FZDW60C** – 60º **FZDW90C** – 90º 50 pcs	Drywall Angle Clip – Used to create positive and secure angles for drywall and ceiling installations on either main beams or cross tees; attachment to be made with 7/16" pan head screw	   DW30C – 30º  DW45C – 45º  ☐ DW60C – 60º  DW90C – 90º  
RC2 250 pcs **FZRC2** 50 pcs	RC2 – Radius Clip is used for drywall applications which form curved installations; attaches to the cavity side of web of the main beam with four 7/16" pan head screws. Install at all knockout locations.	 
RC1 200 pcs **FZRC1** 50 pcs	RC1 – Splice Clip is used as a main beam splice or partition top trim splice	 
TT10 30 pcs	TT10 – 10' Partition Top Trim – Used to finish off the top of a drywall partition for a continuous drywall/acoustic ceiling interface	 
GSC9 (1" to 4") **GSC12** (4" to 8") **GSC16** (8" to 14") 100 pcs **FZGSC9** (1" to 4") **FZGSC12** (4" to 8") **FZGSC16** (8" to 14") 50 pcs	Adjustable Grid Spacer Clip – Used to space two parallel main beams for light fixtures, air diffusers, etc.; allows for 1/4" adjustments with three different clips	 
Locking **DW58LT** – 5/8" Gypsum **DW50LT** – 1/2" Gypsum 125 pcs **FZDW58LT** – 5/8" Gypsum **FZDW50LT** – 1/2" Gypsum 50 pcs **Non-locking** **DW58AG** – 5/8" Gypsum **DW50AG** – 1/2" Gypsum 125 pcs	Drywall Transition Clip with Locking Tabs – Facilitates transition from drywall to acoustical ceiling; one-sided hold down clip; eliminates need for drywall bead. Locking tabs provide secure location for DGS cross tees.	 

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You Can Use Acoustical Walls to Enhance Design and Acoustical Performance

Acoustical absorption is important to:
- Reduce noise levels and reverberation time
- Enhance speech intelligibility

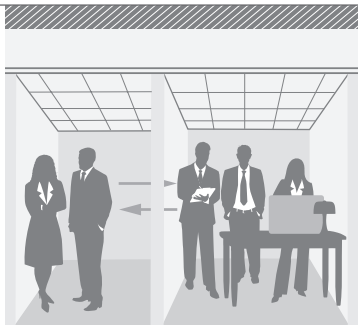
Acoustical wall treatments offer an additional option to further reduce noise. Measures for walls are stated in STC or NRC values. Adding wall treatments to an acoustical ceiling can improve reverberation time by 87%. See example below.

STC

Sound Transmission Class (STC)

A measure for rating the performance of a wall system as a barrier to airborne sound transmission between adjacent closed spaces such as offices.

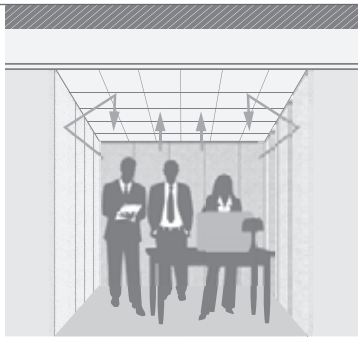
A wall system with an STC < 35 is considered low performance, whereas one with an STC > 55 is considered high performance. STC is the wall equivalent of CAC. STC is measured according to ASTME 90.



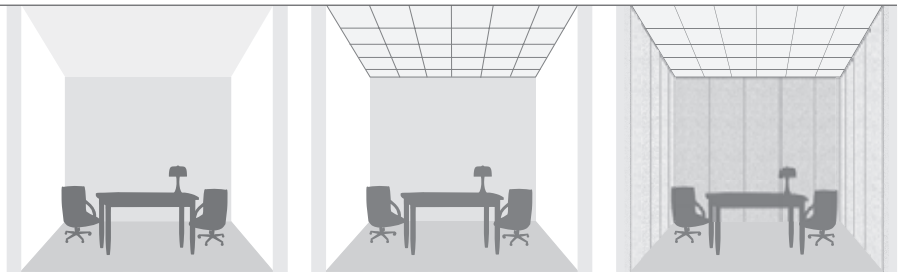
NRC

Noise Reduction Coefficient (NRC)

A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. A wall system with an NRC < 0.50 is considered low performance, whereas one with NRC > 0.70 is considered high performance.



Example:



3,200 SF Closed Conference Room (20' x 16'), 10' ceiling height, drywall, vinyl floor	**No Treatment (Drywall Ceiling)**	**Acoustical Ceiling (Ultima® 0.70/35)**	**Acoustical Ceiling (Ultima 0.70/35) and Two Soundsoak® 60 Walls**
NRC	0.10	0.70	0.70 (Ceiling and Wall Treatments)
Shared Wall STC	35	35	45
Reverberation Time (RT)	2.3 sec	0.5 sec	0.3 sec
RT Improvement	ref	78%	87%
SPL Reduction (dB)	ref	-4.8	-7.5

For definitions of acoustical terms, see pages 359-360 in this catalog.

Walls



WoodWorks® Channeled 90-degree ceiling-to-wall transition in Natural Variations™ Light Cherry; Methodist Richardson Medical Center, Richardson, TX
Perkins+Will, Dallas, TX

WALLS – Standard
At-a-Glance

FABRIC WALLS

Product information listed pertains to product families, and may not apply to individual items.
Consult product details at armstrong.com/commceilings before specifying/purchasing.



Soundsoak® Standard pg. 337

Woven Fabrics (Sample of selection shown. See pages 311-312 for full fabric offering)
Fabrics are dye-lotted and should be segregated by dye lot.

FR-701® (FR) — Blue Neutral (BN), Black (BL), Blue Papier (BR)

Anchorage™ (AN) — Angora (AG), Vanilla (VN), Goose (GS)

Lido™ (LD) — Bryce Canyon (BC), Balboa (BA), Hermosa (HE)

Metallation™ (MT) — Chrome (CH), Polished Pewter (PP), Stainless (ST)



Wall Mount Sound Diffuser

TEXTURED SCRIM WALLS



Optima®/Painted Nubby™ pg. 340 Wall Panels



SoundScapes® Shapes Walls pg. 340

Optima® & Painted Nubby™

White (WH)

SoundScapes® Shapes

White (WH), Shell (SH), Pale Lemon (LM), Pecan (PC), Sky (SK), Moss (MS), Stone (SE)

Reef (RE), Lagoon (LA), Plum (PM), Cranberry (CN), Kiwi (KW), Tangerine (TG), Black (BK)

WOOD WALLS



WoodWorks® Standard Walls pgs. 343-344



WoodWorks Channeled Walls pgs. 345-346



WoodWorks® Ekos® Wall System pg. 347

Natural Variations™

Maple (NMP), Light Cherry (NLC), Dark Cherry (NDC), Walnut (NWN) new, Oak (NOK) new, Walnut Espresso (NWE) new

new Constants™

Maple (CMA), Cherry (CCY), Walnut (DC), Redux Wood Wheat (CRW) new, Patina (BAP), Native (BAN)

Bamboo

Maple (MP), Light Cherry (LC), Dark Cherry (DC), Mahogany (HG)

Ekos

Maple (NMP), Light Cherry (NLC), Dark Cherry (NDC)

Channeled

TRANSLUCENT PARTITIONS AND WALLS



Infusions™ Partitions pg. 348



Infusions Walls pgs. 349-350

Solids (partial list) (See pages 322-324 for full color offering.)

Refined Kiwi(TRK), Refined Reef (TRR), Refined Lagoon (TRL), Refined Plum (TRP), Refined Tangerine (TRT), Refined Cranberry (TRC), Refined Black (TRB)

Patterns – Goldtones

Honey Canvas (THC), Spun Copper (TSC), Linen Gold (TLG), Crushed Copper (TCC), Orange Arbor (TOA)

WALLS – Custom
At-a-Glance

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life

WOOD WALLS



WoodWorks® Custom Walls pg. 351

Custom (partial list)

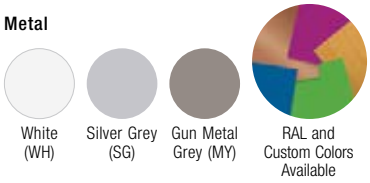


METAL WALLS



Custom Metal Walls pg. 352

Metal



FABRIC WALLS

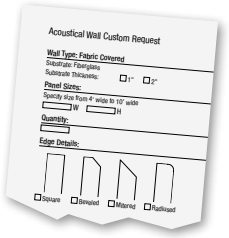


Soundsoak® Custom pg. 338

Custom Fabrics & Sizes – You select it, we'll make it!

Choose a standard fabric or select your own.

We'll create your walls.



armstrong.com/customsoundsoak

ICON KEY

Icons are used throughout the catalog to help you quickly identify key product with high level of performance.

High Acoustics

Acoustical options available.

Product has NRC (Noise Reduction Coefficient) 0.70 or greater.

Fire Performance

Class A

High Durability

Washability

Offers superior wash resistance without compromising panel finish integrity, using a washability tester as per ASTM D4828.

Scrubbability

Product is scrubbable. See specific info on product page.

Impact Resistance

Excellent resistance to surface impact as per Falling Ball Test.

Scratch Resistance

Excellent resistance to surface scratching, scuffing, or chipping as per Hess Rake Test.

Soil Resistance

Excellent resistance to dirt and/or grease for lasting value and performance.

Color Availability

Available in color.

Recycle Program

Product is recyclable through the Armstrong Recycling Program

RECOMMENDED AREAS OF USE

Dots represent high level of performance.

Product	Substrate	Finish	NRC Rating A Mounting	NRC Rating D Mounting	STC Rating 1 Side	STC Rating 2 Sides	Conf. Rooms	Private Offices	Class-rooms	Corridors	Cafetorium	Music Rooms	Patient Rooms
			NRC	NRC	STC								
Soundsoak® 60	Mineral Fiber	Woven Fabric Composed Fabric	0.65	0.70 •	43	45	•	•	•	•	•	•	•
Soundsoak 60	Mineral Fiber	Vinyl	0.50	0.50	43	45					•		•
Soundsoak 85	Fiberglass	Woven Fabric Composed Fabric	0.80 •	0.90 •			•	•	•		•	•	•
Soundsoak Custom 1"	1" Fiberglass	Woven Fabric	0.80 •	0.80 •			•	•	•		•	•	•
Soundsoak Custom 2"	2" Fiberglass	Woven Fabric	1.05 •	1.10 •			•	•	•		•	•	•
Optima®	Fiberglass	DuraBrite® Finish	0.80 •	0.90 •			•	•			•	•	•
Painted Nubby™	Fiberglass	Woven Cloth	0.70 •	0.80 •			•	•					
SoundScapes® Shapes	Fiberglass	Scrim Finish	0.80 •	0.90 •			•		•		•	•	
Custom Metal	Metal	Smooth Metal	Varies	Varies			•	•	•	•	•	•	•
WoodWorks Standard & Custom	Wood	Smooth or Perforated Wood Veneer	0.45-0.80† •	0.45-0.80† •			•	•	•	•	•	•	•
WoodWorks® Ekos®	Wood	Smooth or Perforated Wood Veneer	0.45	0.50	43	45	•	•					

† With 1" fiberglass infill and fleece

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RAL is a registered trademark of RAL gGmbH

SOUNDSOAK®

Standard
Acoustical Wall Systems

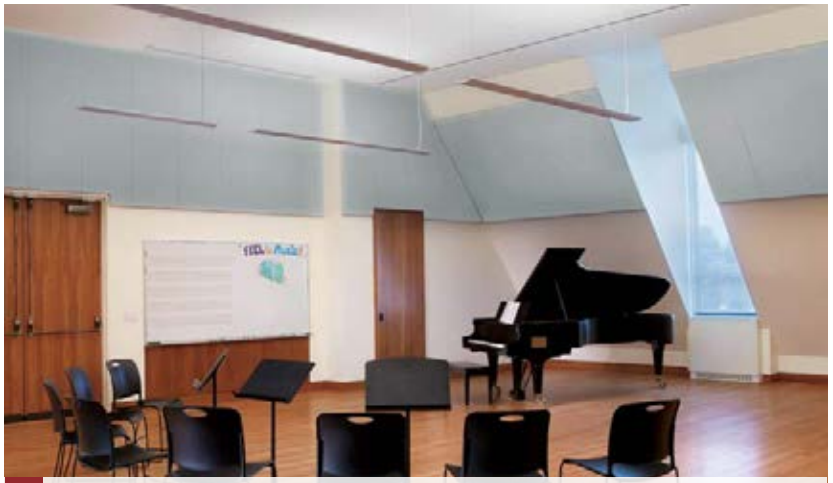
81% VINYL 73% MINERAL FIBER 52% FIBER-GLASS RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓				✓	✓				

▲ LOCATION DEPENDENT



Soundsoak® Wall System 24" x 72" panels in FR-701® Eucalyptus fabric

Easy-to-install wall system, available in a variety of fabric and vinyl colors, and a wide range of sizes.

KEY SELECTION ATTRIBUTES

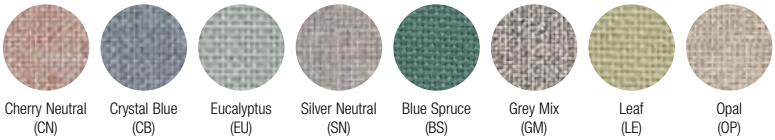
- Available in two substrates
- Acoustical Wall System with an inner core absorbs 50-90% of sound striking surface
- 3 to 6 times the sound absorption of fabric-covered gypsum
- Wide variety of chair rail accessories for design and durability
- Coordinate finishes for Soundsoak Baffles (pgs. 61-62); and Diffusers (pg. 339)
- Full standard finish offering at armstrong.com/soundsoak

WOVEN FABRIC SURFACE

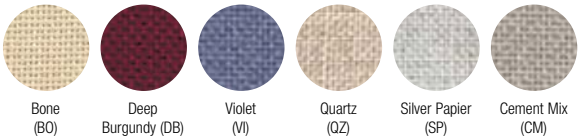
FR-701® (FR)



Blue Neutral (BN) · Black (BL) · Blue Papier (BR) · Straw (ST) · Terra (TR) · Ultramarine (UM) · Blue Plum (BE) · Wheat (WE)

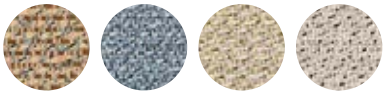


Cherry Neutral (CN) · Crystal Blue (CB) · Eucalyptus (EU) · Silver Neutral (SN) · Blue Spruce (BS) · Grey Mix (GM) · Leaf (LE) · Opal (OP)



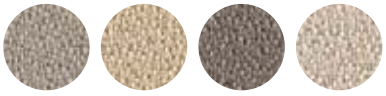
Bone (BO) · Deep Burgundy (DB) · Violet (VI) · Quartz (QZ) · Silver Papier (SP) · Cement Mix (CM)

Lido™ (LD)



Bryce Canyon (BC) · Balboa (BA) · Hermosa (HE) · Oak Bluffs (OB)

Anchorage™ (AN)



Angora (AG) · Vanilla (VN) · Goose (GS) · Birch (BR)

Metallation™ (MT)



Chrome (CH) · Polished Pewter (PP) · Stainless (ST) · Stove Pipe (SP) · Welded Steel (WS)

Spinel™ (SP)



Opal (OP) · Sandstone (SS)

Fabrics are dye-lotted and should be segregated by dye lot. Do not mix.
Guilford of Maine®, FR-701®, Lido™, Anchorage™, Metallation™, and Spinel™ are registered trademarks of Guilford of Maine.

VISUAL SELECTION

For Soundsoak corners, chair rails, and moldings, see pg. 350.

PERFORMANCE

Dots represent high level of performance.

Product	Item Number◆	Substrate	Finish	Dimensions: Panel Width	Dimensions: Panel Height	Dimensions: Panel Thickness	Surface Type**	NRC Rating: A Mount	NRC Rating: D Mount	STC Rating†: 1 Side	STC Rating†: 2 Sides
Soundsoak 60	**40_ _0_ _ _ _**	Mineral Fiber	Woven Fabric Composed Fabric	30"	72", 96", 108", 120" (06) (08) (09) (10)	3/4"	W: FR, AN, MT, LD, SP C: RH, TS	0.65	0.70 •	43	45
Soundsoak 60	**42_ _0_ _ _ _**	Mineral Fiber	Vinyl	24"	72", 96", 108", 120" (06) (08) (09) (10)	5/8"	SV, CV	0.50	0.50	43	45
Soundsoak 85	**32_ _1_ _ _ _**	Fiberglass	Woven Fabric Composed Fabric	24"	72", 96", 108", 120" (06) (08) (09) (10)	1"	W: FR, AN, MT, LD, SP, RH C: RH, TS	0.80 •	0.90 •	–	–

** FR-701 (FR), Lido (LD), Spinel (SP), Metallation (MT), Anchorage (AN), Tempos (TS), Rhythms® (RH), Classic Vinyl (CV), Signature Vinyl (SV)

◆ Add panel height, surface type, and color when specifying or ordering.

† 3-5/8" metal studs with one layer of 5/8" drywall on both sides and Soundsoak 60 on one or both sides.

EXAMPLES:

40 08 0 FR BN
Panel Type: SS 60 Woven · Panel Height: 08 Ft. · Surface Type: FR-701 · Color: Blue Neutral

32 10 1 RH DSA
Panel Type: SS 85 · Panel Height: 10 Ft. · Surface Type: Rhythms · Color: Desert Sand

PHYSICAL DATA

Fire Performance
Tested to ASTM E84 – 25/200
Tested to CAN/ULC SIO2*** – 25/250 Composite Class A rating per IBC (fabric, substrate, and adhesive)

For more details on Soundsoak fire performance, visit our web site at armstrong.com/soundsoak

Warranty
Details at armstrong.com/warranty

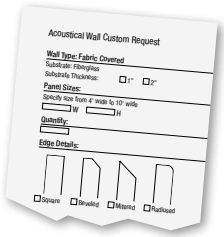
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Armstrong®

SOUNDSOAK®

Custom
Acoustical Wall Systems

Use our online Custom Walls Selection Form at armstrong.com/customsoundsoak, and we will create walls to your specifications.





Custom Soundsoak® Walls in Guilford of Maine® Block Party Canyon fabric with half bevel edge



Custom Soundsoak Wall System in Custom Carnegie Strie fabric with kerf edge

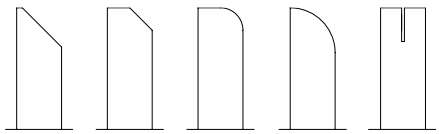
Easy-to-install wall system, available in a variety of custom options.

KEY SELECTION ATTRIBUTES

- Custom fiberglass panels up to 48" wide and 120" high on 1/2" – 4" fiberglass, in 1/2" increments
- Tackable options including 5/8" thick mineral fiber panels that will sit flush with door frames – perfect for offices and corporate environments
- Variety of impact resistant acoustical wall panels available for high-traffic and high-abuse areas
- Convex and concave curved panels in up to 48" x 120" sizes

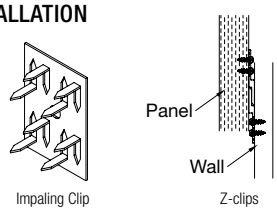
EDGE DETAILS

Fabric-wrapped edge profile options on custom panels include: square, beveled, mitered and radiused edges.



FLEXIBLE INSTALLATION

- Impaling Clips
- Z-clips
- Adhesive



Impaling Clip | Z-clips

ACOUSTICAL PERFORMANCE

Dots represent high level of performance.

Fiberglass Thickness	NRC*
3/4"	0.70 ●
1"	0.80 ●
1-1/8"**†	0.85 ●
1-1/2"	0.95 ●
2"	1.05 ●
2-1/8"**†	0.95 ●
3"	1.15 ●

* Acoustical performance may vary depending on the fabric used.

** 2"- and 3"- thick panels are designed to reduce noise and reverberation in spaces, especially those exposed to exterior transportation noise or interior equipment and appliance noise.

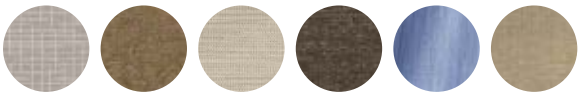
† Fiberglass with 1/8" MFG for impact resistance

CUSTOM FABRICS (PARTIAL LIST)

Due to printing limitations, shade may vary from actual product.

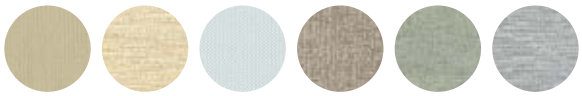
NOTE: Custom Soundsoak is also available in all standard woven Soundsoak fabrics. Choose from a large selection of panel fabrics and vinyls from manufacturers like: Guilford of Maine, Hytex, Carnegie, Koroseal, Maharam, Knoll, Designtex.

Carnegie



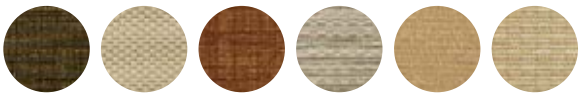
Align | Damask Emboss | Flux | Nexus | Porto | Strie

DESIGNTEX



Canvas | Clew | Cut to Chase | Foxtrot | Pick Up Sticks | Plateau

HYTEX®



Barrista | Cayenne | Lava | Wisteria | Aspen Gold | Nevada Sand

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SOUND DIFFUSERS

Standard Sound Reflecting Panels

10% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials ✓; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT



Wall Mount Barrel Sound Diffusers in Soundsoak® FR-701 Quartz fabric

Sound reflecting panels that are easy to install while improving acoustics.

KEY SELECTION ATTRIBUTES

- Available in White gelcoat and a wide selection of fabric finishes
- Diffusers blend sound for improved acoustics
- For information about coordinating ceiling diffusers, visit armstrong.com/diffusers.

GELCOAT SURFACE

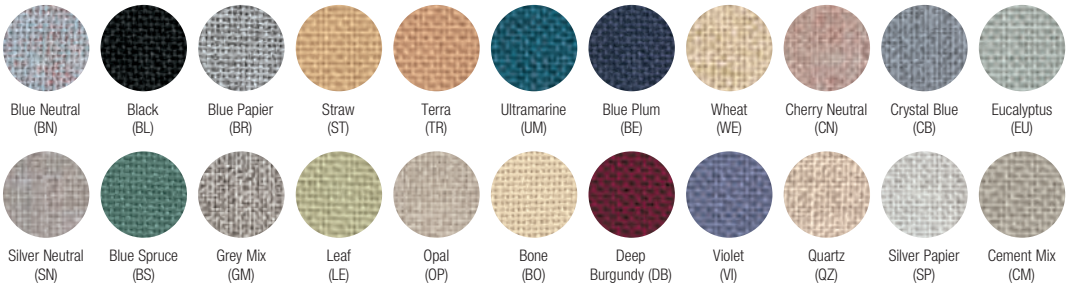
White (WH)



Ceiling Pyramid Lay-in Sound Diffusers in White Gelcoat

WOVEN FABRIC SURFACE

FR-701® (FR)



Blue Neutral (BN) · Black (BL) · Blue Papier (BR) · Straw (ST) · Terra (TR) · Ultramarine (UM) · Blue Plum (BE) · Wheat (WE) · Cherry Neutral (CN) · Crystal Blue (CB) · Eucalyptus (EU)

Silver Neutral (SN) · Blue Spruce (BS) · Grey Mix (GM) · Leaf (LE) · Opal (OP) · Bone (BO) · Deep Burgundy (DB) · Violet (VI) · Quartz (QZ) · Silver Papier (SP) · Cement Mix (CM)

VISUAL SELECTION

For Soundsoak corners, chair rails, and moldings, see pg. 350.

PERFORMANCE

	Item Number◆	Description	Dimensions Nominal W x L x H (Inches)	Finish	Acoustics NRC
Wall Diffusers					
Wall Mount	**5378WMWH**	Pyramid Diffuser	24 x 24 x 8"	White gelcoat	0.10
	5378WMFR_ _	Pyramid Diffuser	24 x 24 x 8"	Fabric FR-701	0.15
	5584WMWH	Pyramid Diffuser	24 x 48 x 8"	White gelcoat	0.10
	5584WMFR_ _	Pyramid Diffuser	24 x 48 x 8"	Fabric FR-701	0.15
	5586WMWH	Pyramid Diffuser	48 x 48 x 8"	White gelcoat	0.10
	5586WMFR_ _	Pyramid Diffuser	48 x 48 x 8"	Fabric FR-701	0.15
Wall Mount	**5379WMWH**	Barrel Diffuser	24 x 24 x 8"	White gelcoat	0.10
	5379WMFR_ _	Barrel Diffuser	24 x 24 x 8"	Fabric FR-701	0.25
	5585WMWH	Barrel Diffuser	24 x 48 x 8"	White gelcoat	0.10
	5585WMFR_ _	Barrel Diffuser	24 x 48 x 8"	Fabric FR-701	0.25
	5587WMWH	Barrel Diffuser	48 x 48 x 8"	White gelcoat	0.10
	5587WMFR_ _	Barrel Diffuser	48 x 48 x 8"	Fabric FR-701	0.25

◆ When specifying or ordering, include the appropriate 2-letter color suffix FR-701 fabric option (e.g., 5378WMFR B L for Black fabric).

PHYSICAL DATA

Material
Fiber reinforced plastic (FRP)

Surface Finish
Fabric

Fire Performance
Fabric panels – Composite Class A rating per IBC; tested to ASTM E84 – Flame Spread rating of 25 or less; CAN/ULC S102 – Flame Spread rating of 115 or less

Gelcoat panels – Composite Class B rating per IBC; tested to ASTM E84 – Flame Spread rating of 75 or less; CAN/ULC S102 – Flame Spread rating of 110 or less

Installation Considerations
Cutting panels is not recommended. Wall mounting clips are included with Wall Mount Diffuser shipment only.

Seismic Restraint
These systems have been engineered, tested, and meet the requirements for ceiling applications in Seismic Design Categories D, E, and F when installed per Armstong installation instructions

Warranty
Details at armstrong.com/warranty

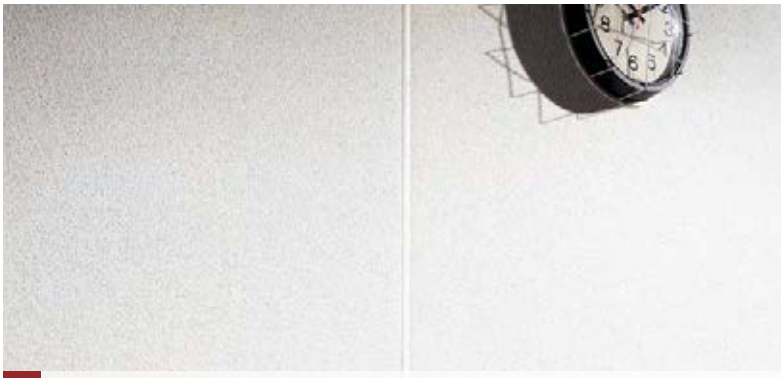
Weight/Square Feet
Gelcoat – 1.25 lbs/SF Fabric – 1.25 lbs/SF

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Armstrong®

OPTIMA® & PAINTED NUBBY™

Wall Panels



Painted Nubby™ Acoustical Wall Panels

Wall panels with a bright surface that provide excellent sound absorption.

KEY SELECTION ATTRIBUTES

Optima
- Durability
  - Washable
  - Scratch-resistant
  - Soil-resistant
- Smooth surface

Painted Nubby
- Bright surface

TYPICAL APPLICATIONS

- Corridors
- Multipurpose rooms
- Swimming pools

COLOR

White

VISUAL SELECTION

Substrate	Finish	Item Number	Dimensions (Inches)
OPTIMA®			
Fiberglass	DuraBrite®	**3154**	48 x 96 x 1"
PAINTED NUBBY			
Fiberglass	Woven Cloth	**3104**	48 x 96 x 1"

PERFORMANCE

Dots represent high level of performance.

NRC Rating	A Mounting	D-20 Mounting
	NRC	NRC
OPTIMA®		
	0.80 •	0.90 •
PAINTED NUBBY		
	0.70 •	0.80 •

For performance and physical data, see pgs. 209-216, 223-224.

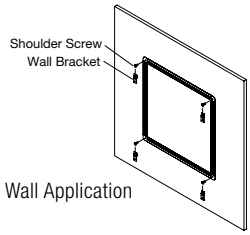
INSTALLATION ACCESSORIES

Description	Item Number	Dimensions (Inches)	Color
C CHANNEL			
Extruded PVC Plastic	**3107**	1 x 96 x 1"	White
H CHANNEL			
Extruded PVC Plastic	**3108**	1-5/8 x 96 x 1"	White

A Mounting – Mounting directly against existing surface D-20 Mounting – Mounting spaced 3/4" from existing surface using 1" x 4" furring strips

SOUNDSCAPES® SHAPES

Wall Panels



Wall Application

For more information, see pgs. 47-48 or visit armstrong.com/shapes



SoundScapes® Shapes wall panels 5440 and 5448 in Tangerine – upper wall and ceiling; Soundsoak® Custom Wall Panels in coordinating fabric – lower wall

KEY SELECTION ATTRIBUTES

- 10 shape options
- Coordinate with Armstrong® brand or other interior finishes, including SoundScapes® Blades™ and Shapes, Infusions® lay-in panels, walls, and partitions, or Create!™ ceilings.
- Quick and easy to install directly to wall

COLORATIONS™ COLORS

Due to printing limitations, shade may vary from actual product.

White (WH) · Shell (SH) · Pale Lemon (LM) · Pecan (PC) · Sky (SK) · Moss (MS)

Stone (SE) · Reef (RE) · Lagoon (LA) · Plum (PM)

Cranberry (CN) · Kiwi (KW) · Tangerine (TG) · Black (BK)

Made-to-order Sherwin-Williams® Colors Available

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/walls
(search: optima walls -or- painted nubby walls)
BPCS-5097-1115

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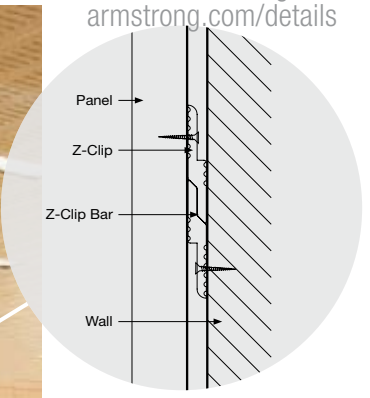
WOODWORKS®

Standard Wall Panels



WoodWorks® Wall panels 24" x 48" on Z-Clips and WoodWorks® Vector® ceiling panels 24" x 48" with custom perforation (running parallel to the short side of the panel) in custom Vertical Grain Douglas Fir

CAD/Revit® drawings at:
armstrong.com/details





See more photos at:
armstrong.com/photogallery
SEARCH: woodworks walls

Wall system available in a variety of wood species, stains, sizes, and perforation options

KEY SELECTION ATTRIBUTES

- Coordinate veneer choice with WoodWorks ceilings
- Install panels horizontally or vertically using clips or splines
- Perforated panel with acoustical backing improves sound quality and reduces reverberation time within a space
- USDA Certified Biobased Product 100% (preferred for government projects)

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™ (Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC)



Walnut (NWN) | Oak (NOK) | Walnut Espresso (NWE)

Constants™ (Real Wood Veneers)



Maple (CMA) | Cherry (CCY) | Walnut (CWA) | Redux Wood Wheat (CRW)

Bamboo (Veneer is Rapidly Renewable)



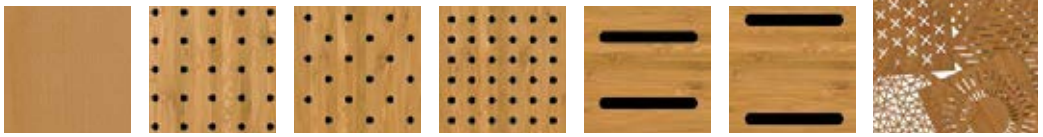
Patina (BAP) | Native (BAN)



Custom Veneers Available

PERFORATION OPTIONS

(Actual 1:6 scale shown)



W1 (Unperforated) | W2 – Rg 6006 (Round Straight) | W3 – Rd 6006 (Round Diagonal) | W4 – Rg 6011 (Round Straight) | W5 – Lg 9512 (Oval Straight Slotted) | W6 – Lg 9508 (Oval Straight Slotted) | Custom Perforations Available

NOTE: Slotted perforations run parallel to the length of the panel.

WOODWORKS®

Standard Wall Panels

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 88%

FSC www.fsc.org FSC® C007626 The mark of responsible forestry

92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓			✓	✓	✓	✓				✓

▲ LOCATION DEPENDENT

VISUAL SELECTION

Item Number◆	Dimensions Nominal W x L (Inches) Custom Sizes Available		Perforation Options	Installation Options	Finish Options
FSC®-certified WOODWORKS® Wall Panels with Acoustical Fleece					
5814 _ _ _ _ _ _	23-3/4 x 48 x 3/4"	▭	W1, W2, W3, W4, W5, W6	X (Z-Clip installation) K (Spline installation – 4 panel sides kerfed)	NMP, NLC, NDC, BAP, BAN
5818 _ _ _ _ _ _	23-3/4 x 96 x 3/4"	▭	W1, W2, W3, W4, W5, W6	X (Z-Clip installation) K (Spline installation – 4 panel sides kerfed)	NMP, NLC, NDC, BAP, BAN
5819 _ _ _ _ _ _	23-3/4 x 108 x 3/4"	▭	W1, W2, W3, W4, W5, W6	X (Z-Clip installation) K (Spline installation – 4 panel sides kerfed)	NMP, NLC, NDC, BAP, BAN
5820 _ _ _ _ _ _	23-3/4 x 120 x 3/4"	▭	W1, W2, W3, W4, W5, W6	X (Z-Clip installation) K (Spline installation – 4 panel sides kerfed)	NMP, NLC, NDC, BAP, BAN

◆ When specifying or ordering, include the appropriate perforation, installation, and finish suffixes. (e.g., 5814 W 1 K N M P)
NOTE: For veneers and sizes available as special order, call TechLine at 1 877 ARMSTRONG.

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Perforation	NRC Rating D Mounting w/ Acoustical Fleece	NRC Rating D Mounting w/ 1" Fiberglass Infill*** NRC
W1	N/A	N/A
W2	0.50	0.65
W3	0.50	0.65
W4	0.55	0.80 ●
W5	0.45	0.70 ●
W6	0.45	0.60

*** Fiberglass Infill Panel Item 8200100

WoodWorks Walls perforations align with the following ceiling panels:

Perforation	WoodWorks® Vector®	WoodWorks Concealed
W2	yes	yes
W3	yes	yes
W4	yes	no
W5	yes	no
W6	yes	no

EXAMPLE:

5814 W1 K NMP

Panel Dimensions: 24" x 48" panel
Perforation: Unperforated
Installation: Spline installation
Finish: Natural Variations™ Maple

ACCESSORIES

For corners, splines, Z-Clips, and infill panel options, see page 349.

PHYSICAL DATA

Material
FSC-certified fire retardant particle board with face-cut veneers (SW-COC-003601). For more information about FSC-certified products, or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
Class A ASTM E84 surface burning characteristics, HPVA Certified with audit program per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain (special order panels available).

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50˚F and 86˚F must be maintained throughout the life of the product.

Design Considerations
The reveal width on WoodWorks Tegular panels and WoodWorks Walls is different. For an application with the same size reveal in the ceiling and on the wall, order custom-cut panels or use Vector® ceiling panels Z-clipped to the wall.

Specification Consideration
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Warranty
Details at armstrong.com/warranty

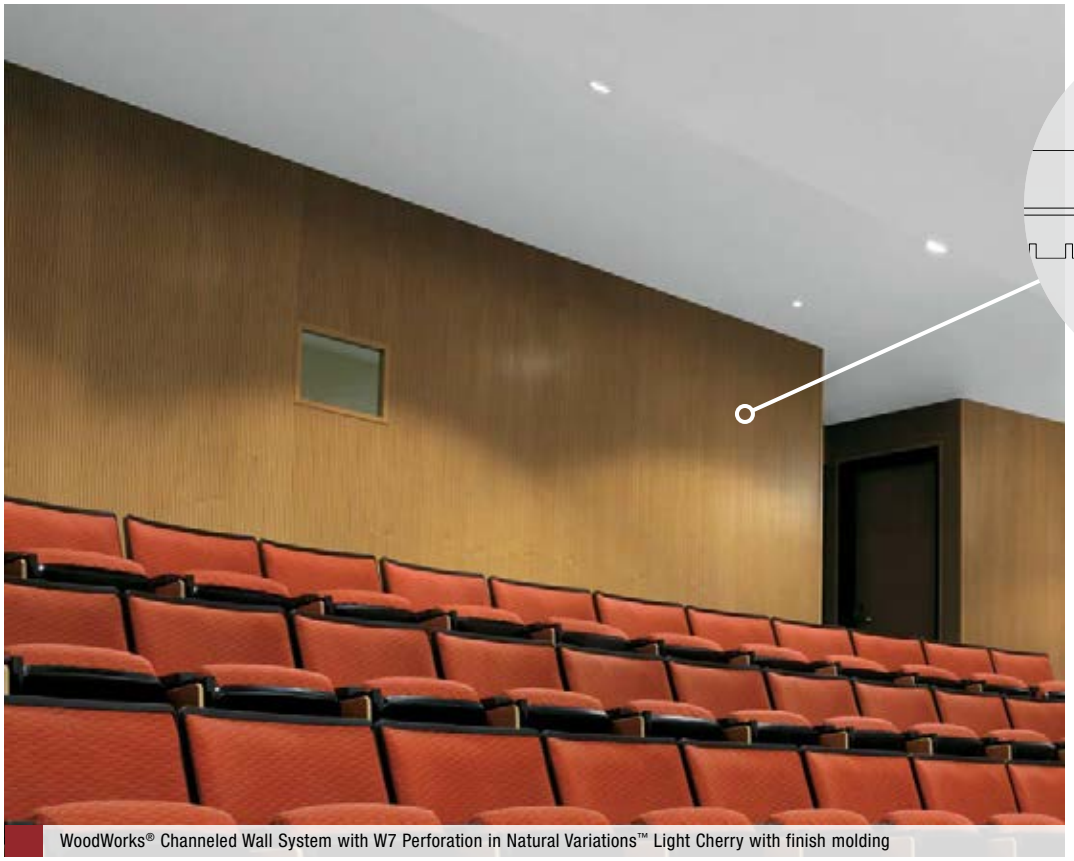
Weight; Square Feet/Carton
Panels – 2.75 lbs/SF; bulk packaged per order.

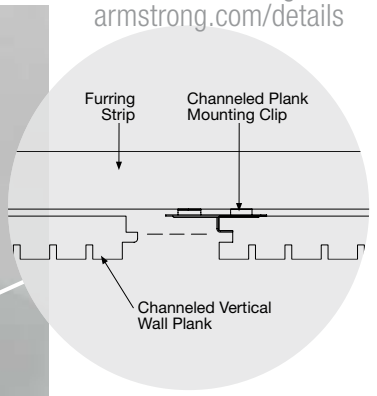
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WOODWORKS® Channeled

Standard Wall Plank

CAD/Revit® drawings at:
armstrong.com/details





WoodWorks® Channeled Wall System with W7 Perforation in Natural Variations™ Light Cherry with finish molding



See more photos at:
armstrong.com/photogallery
SEARCH: woodworks channeled

Perforated wall panels with acoustical backing that improves sound quality and reduces reverberation time.

KEY SELECTION ATTRIBUTES

- Install in the ceiling, on the wall, or create 90º angled ceiling-to-wall transitions
- Two plank lengths available as standard products
- California Air Resources Board (CARB) compliant
- USDA Certified Biobased Product 100% (preferred for government projects)
- Shorter lead times and lower cost than custom millwork

VENEERS

Due to printing limitations, shade may vary from actual product.

Natural Variations™ (Real Wood Veneers)



Maple (NMP) | Light Cherry (NLC) | Dark Cherry (NDC) | Custom Veneers Available

IMAGES™ FINISHES

(High Quality Printed Finishes)



Maple (PMP) | Light Cherry (PLC) | Dark Cherry (PDC)

VENEER PERFORATION OPTIONS

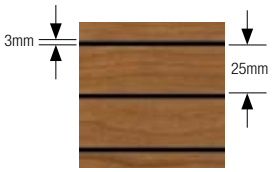
(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



W8 (5mm profile with 3mm groove)



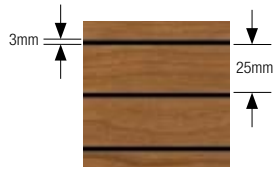
W9 (25mm profile with 3mm groove)

IMAGES PERFORATION OPTIONS

(Actual 1:2 scale shown)



W7 (13mm profile with 3mm groove)



W9 (25mm profile with 3mm groove)

WOODWORKS® Channeled
Standard Wall Plank

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 88%

FSC www.fsc.org FSC® C007626
The mark of responsible forestry

UP TO 92% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

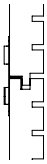
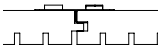
LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/extended producer resp.; biobased materials; FSC (for wood); recycled content; sourcing of raw materials; material ingredient reporting; low emitting/materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

*Images™ products are not FSC or Rainforest Alliance Certified

VISUAL SELECTION – IMAGES™ FINISHES

PERFORMANCE Dots represent high level of performance.

Edge Profile	Item Number◆	Dimensions Nominal W x L (Inches) Custom Sizes Available		Acoustics NRC	Fire Rating
WOODWORKS® Natural Variations™ FSC®-certified Channeled Wall Plank Perforated with Acoustical Fleece					
Tongue & Groove 	**5900WW7** _ _ _	5.553 x 96 x 3/4"		0.75, 0.90† • •	Class A
	5900WW8 _ _ _	5.553 x 96 x 3/4"		0.55, 0.90† •	Class A
	5900WW9 _ _ _*	5.553 x 96 x 3/4"		0.55, 0.70† •	Class A
	5901WW7 _ _ _	5.553 x 120 x 3/4"		0.55, 0.90† •	Class A
	5901WW8 _ _ _	5.553 x 120 x 3/4"		0.75, 0.90† • •	Class A
	5901WW9 _ _ _*	5.553 x 120 x 3/4"		0.55, 0.70† •	Class A
WOODWORKS Images Channeled Plank Perforated with Acoustical Fleece					
Tongue & Groove 	**6688WW7**___	5.553 x 96 x 0.688"		0.75, 0.95† • •	Class A
	6688WW9___*	5.553 x 96 x 0.688"		0.65, 0.70† •	Class A
	6689WW7___	5.553 x 120 x 0.688"		0.75, 0.95† • •	Class A
	6689WW9___*	5.553 x 120 x 0.688"		0.65, 0.70† •	Class A

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 5900WW7 N M P)
† NRC 0.70 or 0.90 when installed with bioacoustic infill 5479.
NOTE: For sizes available as special order, call TechLine at 1 877 ARMSTRONG.
* Size width for panels with W9 perforation is 5.393".

ACCESSORIES

For corners, clips, and infill panel options, see page 349.

PHYSICAL DATA – Natural Variations

Material
FSC-certified fire retardant medium density fiberboard with face-cut veneers (SW-COC-003601). For more information about FSC-certified products or to view our FSC certification letter, visit armstrong.com/woodworksfsc

Surface Finish
Clear or tinted semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain.

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50˚F and 86˚F must be maintained throughout the life of the product.

Specification Consideration
Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

Warranty
Details at armstrong.com/warranty

Weight; Square Feet
2.2 lbs/SF (Bulk packed)

PHYSICAL DATA – Images Finishes

Material
Fire retardant medium density fiberboard with high quality printed visual.

Surface Finish
Clear semigloss coating

Fire Performance
ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification
Composite – Fire Class A

Application Considerations
Images finishes feature a high-definition print finish. A pattern repeat will occur approximately every 30".

It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50˚F and 86˚F must be maintained throughout the life of the product.

Warranty
Details at armstrong.com/warranty

Panel Weight; Square Feet/Carton
2.2 lbs/SF (Bulk packed)

TechLine℠ / 1 877 ARMSTRONG
armstrong.com/walls
(search: woodworks channeled walls)
BPCS-5099-815

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WOODWORKS® Ekos®

Standard Wall Panels

73% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	FSC (for wood)	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓		✓	✓	✓	✓	✓				✓

▲ LOCATION DEPENDENT



WoodWorks® Ekos® Acoustical Wall System in Ekos Dark Cherry perforated with reveal accent trim in Natural Aluminum

Standard wall panels in a variety of veneers with no detectable VOC emissions.

KEY SELECTION ATTRIBUTES

- Panels can be installed horizontally or vertically
- Can help contribute to LEED credits with no-added formaldehyde and high-recycled content
- Less expensive and easier to install than custom millwork

VENEERS

Due to printing limitations, shade may vary from actual product.

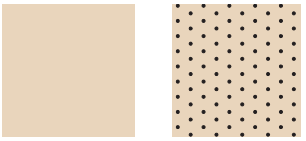


Ekos Maple (MP) | Ekos Light Cherry (LC) | Ekos Dark Cherry (DC) | Ekos Mahogany (HG)

PERFORATION OPTIONS

Actual 1:1 scale shown.

Type: Unperforated **Type: Round-Staggered**



Ekos Perforation
Hole Size: 0.4mm [.015"]
% Open Area: 5.7%

VISUAL SELECTION

Item Number◆	Description	Dimensions (Inches)	Pcs/Ctn	Ekos Finishes
Unperforated Panels				
5800_ _ _	8' Ekos Wall Panel Unperforated	96 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG
5801_ _ _	9' Ekos Wall Panel Unperforated	108 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG
5802_ _ _	Nominal 10' Ekos Wall Panel Unperforated	118 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG
Perforated Panels				
5803_ _ _	8' Ekos Wall Panel Perforated	96 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG
5804_ _ _	9' Ekos Wall Panel Perforated	108 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG
5805_ _ _	Nominal 10' Ekos Wall Panel Perforated	118 x 24 x 5/8"	2 or 4	MP, LC, DC, or HG

PERFORMANCE

Acoustics NRC Rating A	Acoustics NRC Rating D (Mounting)	Acoustics STC Rating* 1 side	Acoustics STC Rating* 2 sides	Recycling Program
N/A	N/A	43	46	Yes
N/A	N/A	43	46	Yes
N/A	N/A	43	46	Yes
0.45	0.50	43	46	Yes
0.45	0.50	43	46	Yes
0.45	0.50	43	46	Yes

◆ When specifying or ordering, please include pieces/carton and color suffix. EXAMPLE: 5805 4 H G – Four nominal 10' perforated panels in Ekos Mahogany finish.
* See wall construction in physical data below for test wall construction.

ACCESSORIES

For installation splines, corners, chair rails, etc., see page 349.

PHYSICAL DATA

Panel Material
Mineral fiber with real wood veneers. Face veneers are quarter-cut, random-matched Anigre or Makore veneers stained to the Ekos finishes.

Panel Surface Finish
Tinted, no-solvent coatings on face veneers.

Accessory Material
Milled solid wood stained to coordinate with Ekos finishes. Extruded aluminum.

Wall Construction
Wall construction is one layer 5/8" drywall each side of 3-5/8" metal stud, with Ekos panels attached on one or both sides.

Fire Performance
Class B fire performance per IBC. Flame Spread Rating of 50 or less and Smoke Developed Classification of 100 or less when tested per ASTM E84 or CAN/ULC S102.

Application Considerations
Due to the natural characteristics of veneers, variations in color and grain can be expected. Do not mix panels from different lots. Veneered panels may also darken over time.

It is very important that WoodWorks Ekos panels are climatized prior to installation. Relative humidity between 25% and 55% and temperatures between 50ºF and 86ºF must be maintained.

Ekos wall panels are not recommended for use in high-traffic or high-impact areas. For these areas, contact TechLine at 1 877 ARMSTRONG to explore WoodWorks Custom wall systems.

Ekos wall panels may be installed horizontally. For more details, see armstrong.com/walls.

Warranty
Details at armstrong.com/warranty

Weight/Square Feet
1.6 lbs/SF

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INFUSIONS™
Partitions

40% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
		✓	✓				✓	✓				

▲ LOCATION DEPENDENT



Infusions™ Partition in Spun Copper

Wall partitions in a variety of translucent colors and patterns.

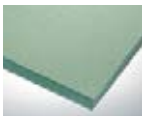
KEY SELECTION ATTRIBUTES

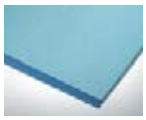
- Coordinate with Armstrong® brand or other interior finishes including Infusions Walls, Lay-in Panels, and Canopies, SoundScapes® Blades™ and Shapes, or Create!™ ceilings.
- Standard products create a custom look
- Hang individually or in groups
- Panels and installation hardware packaged in one complete kit
- For Infusions panels and sheets, see pages 143-146.
  For Infusions® Blades™, see pages 53-54.
  For Infusions Shapes, see pages 33-34.
  For Infusions Canopies, see pages 31-32.
  For Infusions Wings, see page 35.
  For Infusions Walls, see pages 347-348.

For more information, visit armstrong.com/infusions.

COLORS/PATTERNS
Due to printing limitations, shade may vary from actual prodcurt

Solids – SoundScapes Coordinating Colors

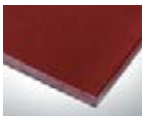

Refined Kiwi (TRK)

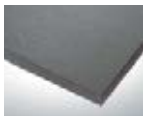

Refined Reef (TRR)


Refined Lagoon (TRL)


Refined Plum (TRP)

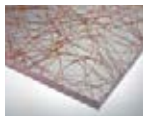

Refined Tangerine (TRT)


Refined Cranberry (TRC)


Refined Black (TRB)

Patterns – Goldtones


Honey Canvas (THC)


Spun Copper (TSC)


Crushed Copper (TCC)


Linen Gold (TLG)


Orange Arbor (TOA)

VISUAL SELECTION

Item Number◆	Dimensions (Inches)	Color
INFUSIONS Partitions		
5845_ _ _	24 x 72 x 1/4"	See above

◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 5845 T R K.)
NOTE: Ceiling Hanging Kit and Floor Mounting Kit hardware included with panels.
Joining Kits must be ordered separately.

ACCESSORIES

	Item No.	Description	Color	Pcs/Ctn
	**5827**	Joining Kit	Silver	3 Clamps

PHYSICAL DATA

Material
PETG

Surface Finish
Smooth

Fire Performance
Infusions panels have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

Contact TechLine at 1 877 ARMSTRONG for specific US and Canadian fire performance data.

Installation and Design Considerations
Do not allow panel edges to get wet. Infusions panels are not approved for exterior application.

Panel kits include ceiling hanging kit and floor mounting kit hardware. Floor mounting hardware is optional, but recommended. Floor mounting hardware requires field drilling pilot holes in panels.

Linking kits must be ordered separately.

Panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F.

Warranty
Details at armstrong.com/warranty

Weight; Pieces/Carton
Panel weight – 25 lbs
2 pieces/carton
Carton weight – 55 lbs

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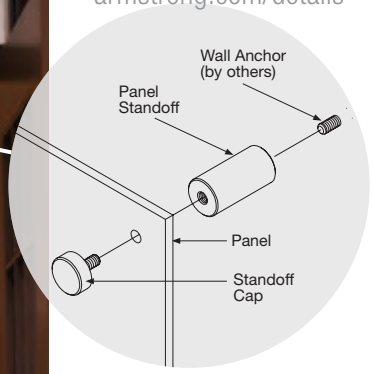
INFUSIONS™

Walls

CAD/Revit® drawings at:
armstrong.com/details



Infusions™ Walls 24" x 96" in Spun Copper





See more photos at:
armstrong.com/photogallery
SEARCH: infusions walls

Wall System available in translucent colors and patterns that can be hung individually or in a group.

KEY SELECTION ATTRIBUTES

- Coordinate with Armstrong® brand or other interior finishes; i.e., Infusions Partitions, Lay-in Panels, and Canopies, SoundScapes® Blades™ and Shapes, or Create!™ ceilings.
- Factory-drilled to accept Point Support hardware kit
- Aluminum Point Support Kit offers contemporary sleek visual.
- For Infusions panels and sheets, see pages 143-146.
  For Infusions® Blades™, see pages 53-54.
  For Infusions Shapes, see pages 33-34.
  For Infusions Canopies, see pages 31-32.

For Infusions Wings, see page 35.
For Infusions Partitions, see page 346.

For more information, visit armstrong.com/infusions.

COLORS/PATTERNS

Due to printing limitations, shade may vary from actual product

Goldtones



Honey Canvas
(THC)



Spun Copper
(TSC)



Crushed Copper
(TCC)

Linens



Linen Gold
(TLG)



Natural Linen
(TNL)



Blue Linen
(TBL)

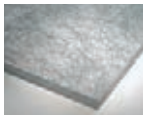
Crystallines



Crystalline Focus
(TCR)



Crystalline Silverado
(TSV)

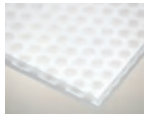


Crystalline Sky
(TSY)

Tones-on-tones



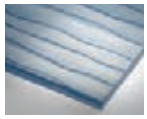
Chalk Folio
(TCF)



White Circlets
(TWC)



Silver Orbit
(TSR)



Indigo Surf
(TNS)

Arborsˆ



Clear Arbor
(TCA)



Blue Arbor
(TBA)



Orange Arbor
(TOA)



Red Arbor
(TRA)

† Color may vary panel to panel.

INFUSIONS™

Walls

40% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

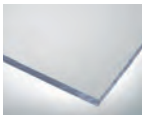
LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content ✔; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

COLORS (SOLIDS) Due to printing limitations, shade may vary from actual producrt

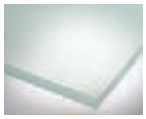

Cultured Pearl (TCP)


Inspiration Ice (TNC)

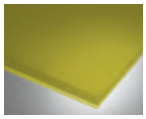

Calm Water (TCW)


Natural Faith (TNF)


Loyalty Latte (TLL)


Caribbean Renewal (TAR)


Sage Happiness (TSH)

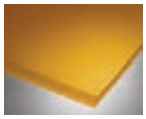

Budding Creativity (TBD)


Tranquility Teal (TTT)


Peace Blue (TPB)


Sheer Iris (TSI)


Blueberry Bliss (TBB)

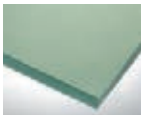

Saffron Energy (TSE)

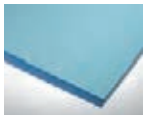

Sedona Spirit (TSS)


Red Fire (TRF)


Cinnamon Sanity (TCS)

SoundScapes® Coordinating Colors


Refined Kiwi (TRK)

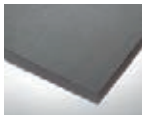

Refined Reef (TRR)


Refined Lagoon (TRL)


Refined Plum (TRP)


Refined Tangerine (TRT)


Refined Cranberry (TRC)


Refined Black (TRB)

VISUAL SELECTION

Item Number◆	Dimensions (Inches)	Colors	Pieces/Pack
INFUSIONS Walls			
5824_ _ _	24 x 96 x 1/4" ▭	See above	2

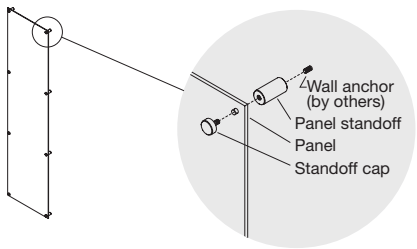
◆ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 5824 T C P)
NOTE: Panel kit does not include hardware. Infusions™ Wall panel hardware kit must be ordered separately.

ACCESSORIES

Item Number	Description	Colors	Pieces/Carton
5848	Infusions Wall Panel Hardware Kit	Aluminum	16 Point Supports

NOTE: Wall Anchor not provided in kit. Point Support includes panel standoff and standoff cap.

SYSTEM ASSEMBLY



PHYSICAL DATA

Material
PETG

Surface Finish
Smooth

Fire Performance
Infusions panels have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined wby the International Building Code.

Contact TechLine at 1 877 ARMSTRONG for specific US and Canadian fire performance data.

Installation and Design Considerations
Do not allow panel edges to get wet.

Infusions panels are not approved for exterior application.

Natural Linen and Blue Linen colors may vary panel to panel.

Wall anchor hardware is provided by others. A minimum gap of 1/4" is required between panels. Panels are pre-drilled for Point Supports.

Panels can be damaged by exposure to high temperatures. Panel temperature should not be permitted to exceed 100°F. There is potential for limited deflection of panels.

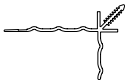
Warranty
Details at armstrong.com/warranty

Weight; Pieces/Pack
Panel weight – 27 lbs
2 pieces/pack (Bulk packed)

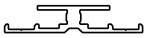
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Revit® is a registered trademark of Autodesk, Inc.

WOODWORKS® WALLS FAMILY – Accessories

ACCESSORIES – WOODWORKS® STANDARD WALL PANELS AND CHANNELED STANDARD WALL PLANK

	Item Number	Description	Dimensions (Inches)	Color/Finish	Pcs/Ctn
	**585508** _ _ _*	4" Base Molding	100"	DC, HG, LC, MP	Bulk
	5855 _ _ _*	8" Base Molding	96"	NMP, NLC, NDC, BAP, BAN	Bulk
	**585608** _ _ _*	8" Base Molding	96"	DC, HG, LC, MP	Bulk
	5856 _ _ _*	6" Base Molding	100"	NMP, NLC, NDC, BAP, BAN	Bulk
	**5857** _ _ _ _ _**	Finish Molding (direct-applied)	100" [08], 112" [09], or 122" [10]	DC, HG, LC, DC	Bulk
	**5907** _ _ _ _ _**	1.875" Finish Molding (with furring strips)	100" [08], 112" [09], or 122" [10]	NMP, NLC, NDC, BAP, BAN	Bulk
	**5867** _ _ _ _ _**	Inside Corner Molding	100" [08], 112" [09], or 122" [10]	NMP, NLC, NDC, BAP, BAN	Bulk
	**5851** _ _ _ _ _**	Peak Corner (Solid Wood)	96" [08], 108" [09], or 118" [10]	MP, HG, LC, DC	Bulk
	**5852** _ _ _ _ _**	Bullnose Corner (Solid Wood)	96" [08], 108" [09], or 118" [10]	MP, HG, LC, DC	Bulk
	**5853** _ _ _ _ _**	Reverse Bead Corner (Solid Wood)	96" [08], 108" [09], or 118" [10]	MP, HG, LC, DC, NMP, NLC, NDC	Bulk
	**5854** _ _ _ _ _**	Chamfered Corner (Solid Wood)	96" [08], 108" [09], or 118" [10]	MP, HG, LC, DC, NMP, NLC, NDC	Bulk
	**5859** _ _ _**	Corner Installation Spline (Concealed)	96" [08], 108" [09], or 118" [10]	Plastic (X) or Aluminum (Y)	Bulk

ACCESSORIES – WOODWORKS STANDARD WALL PANELS ONLY

Installation	Item Number	Description	Lengths (Inches)	Color/Finish	Material	Pcs/Ctn
	**663910**_ _	Wall Installation Spline (aluminum)	120"	Black (BL), Natural Anodized (NA)	Aluminum	1
	6408	Edge Banding for Wall Spline (PVC)	300"	See colors on page 341	–	1
	5672	Z-clip	2"	Aluminum	–	250
	5673	Z-clip Bar	72"	Aluminum	–	20

When specifying or ordering, include the appropriate finish suffixes.

ACCESSORIES – CHANNELED STANDARD WALL PLANK ONLY

	Item Number	Description	Dimensions	Color	Pcs/Ctn
	**5389**	Channeled Clip	N/A	Black	250

INFILL PANELS

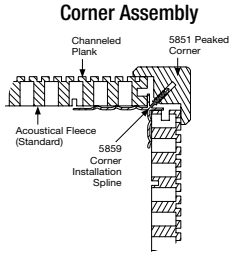
Item Number	Description	Dimensions	Color	Pcs/Ctn
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige - Matte	12
8200100	1" Fiberglass Infill Panel	24 x 24 x 1"	Black - Gloss	12

* When specifying or ordering, include the appropriate 2- or 3-letter color suffix (e.g., 585508 N M P)
** When specifying or ordering, include the appropriate length suffix and finish/material suffixes.
EXAMPLES: 5867 0 9 N D C – 9' Inside Corner Molding in Natural Variations™ Dark Cherry;
5859 0 9 X – 9' Corner Installation Spline in Plastic

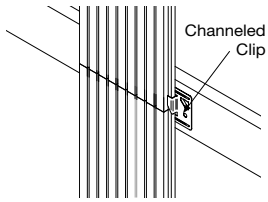
COLORS
NV Maple (NMP)
NV Light Cherry (NLC)
NV Dark Cherry (NDC)
Bamboo Patina (BAP)
Bamboo Native (BAN)
Ekos Maple (MP)
Ekos Light Cherry (LC)
Ekos Dark Cherry (DC)
Ekos Mahogany (HG)

INSTALLATION DETAILS

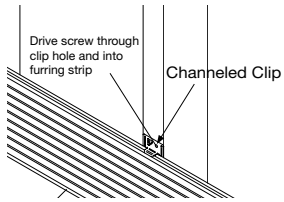
Channeled Wall Plank and Corner Assembly



Vertical Wall Plank Installation with Channeled Clip



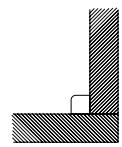
Horizontal Wall Plank Installation with Channeled Clip



6" WoodWorks Base Molding

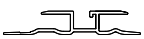
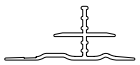


WoodWorks Inside Corner



SOUNDSOAK® & WOODWORKS® EKOS® WALLS FAMILY – Accessories

ACCESSORIES – WOODWORKS® EKOS® WALL PANELS ONLY

	Item Number◆	Description	Lengths	Finishes	Material
	**5850A**_ _ _ _	Peak Accent Trim	96", 108", 120" (08) (09) (10)	MP, LC, DC, HG	Solid Wood
	**5850B**_ _ _ _	Bullnose Accent Trim	96", 108", 120" (08) (09) (10)	MP, LC, DC, HG	Solid Wood
	**5850C**_ _ _ _	Reverse Bead Accent Trim	96", 108", 120" (08) (09) (10)	MP, LC, DC, HG	Solid Wood
	**5850D**_ _ _ _	Bead Accent Trim	96", 108", 120" (08) (09) (10)	MP, LC, DC, HG	Solid Wood
	**5850J**_ _ _ _	Cap Accent Trim	96", 108", 120" (08) (09) (10)	NA (Natural Anodized) BL (Black Anodized)	Aluminum
	**5850K**_ _ _ _	Reveal Accent Trim	96", 108", 120" (08) (09) (10)	NA (Natural Anodized) BL (Black Anodized)	Aluminum
	**5858[##][M]** **5858**_ _ _	Wall Installation Spline (concealed)	96", 108", 120" (08) (09) (10)	Plastic (X) or Aluminum (Y)	Plastic or Aluminum
	**5860**_ _ **X**	Wall Bead Installation Spline†	96", 108", 120" (08) (09) (10)	Black Plastic	Plastic

† This accessory should be used when Decorative Accent Trims are not selected.
NOTE: When a Decorative Accent Trim is selected, you must also choose a Wall Installation Spline.

CHAIR RAIL ACCESSORIES – SOUNDSOAK® STANDARD AND WOODWORKS EKOS WALL PANELS

	Item Number◆	Description	Lengths	Colors	Substrate
	**5861**_ _ _	Mounting Rail	100"	MP, LC, DC, HG, XX	Solid Wood
	5862_ _ _	Rail Spacer for Soundsoak 85	100"	XX	Solid Wood
	5863_ _ _	Rail Insert	100"	MP, LC, DC, HG, BL, XX	Solid Wood
	5963NA	Rail Insert – Aluminum Finish	96"	Natural Anodized (NA)	Solid Wood and Aluminum
	**5864**_ _ _	Rail Cap	100"	MP, LC, DC, HG, XX	Solid Wood
	**5865**_ _ _	Extended Rail Cap for Soundsoak 85	100"	MP, LC, DC, HG, XX	Solid Wood
	**5866**_ _ _	Easel Ledge	100"	MP, LC, DC, HG, XX	Solid Wood

* Insert 2-letter color suffix when specifying or ordering. EXAMPLE: 5861 H G – Mounting Rail in Mahogany
NOTE: Unfinished wood can be field-painted.

CHAIR RAIL ACCESSORY COLORS



ACCESSORIES – SOUNDSOAK STANDARD ONLY

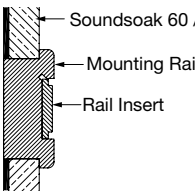
	Item Number◆	Description	Lengths	Finishes
	**3856**_ _ _ _††	Impact Corner	120"	See page 311
	**4062**_ _**	1" J-Molding	120"	BL, GW, FG, LT, SA
	**4064**_ _**	3/4" J-Molding	120"	BL, GW, FG, LT, SA
	**4065A**	3/4" Low-Profile J-Molding	120"	BL

†† Insert 4-letter color suffix using surface type and color suffixes from page 311. EXAMPLE: 3856 L D O B – Impact Corner Lido™ Oak Bluffs
** Insert 2-letter color suffix. EXAMPLE: 4062 B L – 1" J-Molding in Black

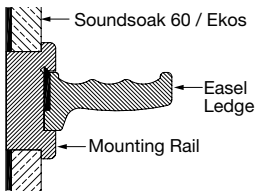
J-MOLDING COLORS



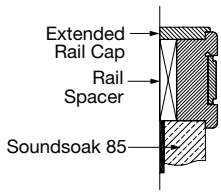
INSTALLATION DETAILS



Soundsoak 60 panel with Chair Rail – Mounting with Rail Insert



Soundsoak 60 panel with Chair Rail – Mounting Rail with Easel Ledge (field-painted)



Soundsoak 85 panel with Chair Rail – Mounting Rail with Rail Insert, Extended Rail Cap and Rail Spacer

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life



Custom Metal Walls in RAL 7024 with perforation Rd 1522

KEY SELECTION ATTRIBUTES

- Custom colors and perforations available
- Durable – Washable, Scrubbable, Soil-resistant
- Coordinate with MetalWorks™ ceilings
- Perforated panel with acoustical backing improves sound quality and reduces noise within a space



Custom Metal Walls in RAL 9010, unperforated

RAL is a registered trademark of RAL gGmbH

Armstrong®

you inspire™
solutions center
helping to bring your one-of-a-kind ideas to life



WoodWorks® Custom Walls in custom cherry finish, WoodWorks DP59 custom ceiling system

KEY SELECTION ATTRIBUTES

- Custom finishes and perforations available
- FSC®-certified options available
- Coordinate with WoodWorks® ceilings
- Perforated panel with acoustical backing improves sound quality and reduces noise within a space



WoodWorks Custom Ceiling System unperforated in custom Red Oak

FSC® is a registered trademark of FSC Forest Stewardship Council, A.C., license code FSC-C007626

ARMSTRONG GREENPRINT

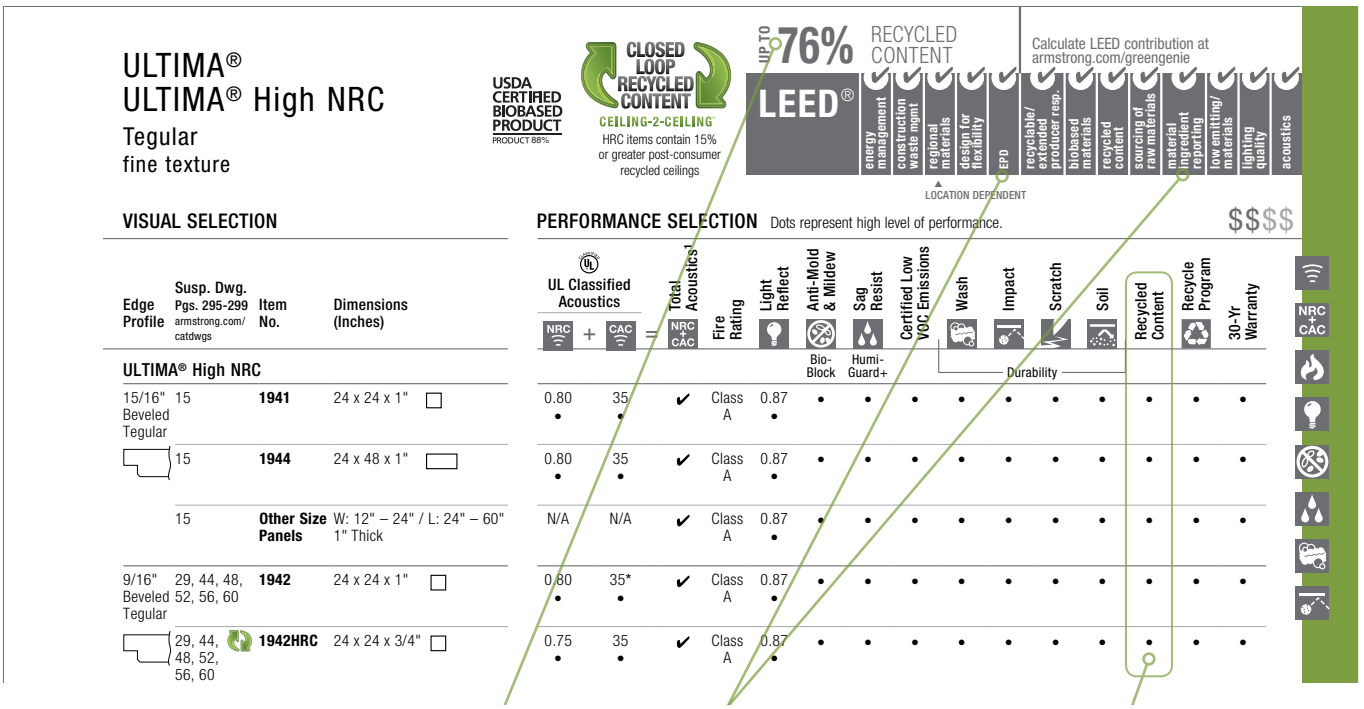
Our Sustainability Commitment

Armstrong Products, LEED® Contributions, Performance Reference



Armstrong® ceiling and wall systems provide reliable performance and contributions to LEED as well as a range of inspiring design choices.

In this Catalog and Online



On individual product pages, you'll see a LEED® summary. This box is a quick review of which credits this family of products may contribute to. Visit the Green Genie™ tool online for specific product details. As LEED evolves, this tool will have the most up-to-date credit information.

Recycled content range. Calculate for specific items using our GreenGenie online calculator.

Environmental & Health Product Declaration availability noted here.

Most Armstrong product families offer high recycled content choices (greater than 50% total recycled content). Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

LEED Contribution Calculator

Green Genie LEED Online Calculator and Documentation

greengenie™

armstrong.com/greengenie

Powered by EcoScoreCard

Our online LEED calculator helps you to research, calculate, and document which Armstrong® Ceiling and Wall Systems products best meet the environmental criteria needed for your project. Access the tool 24/7 and get the LEED information and documentation you need for the design or submittal process.

- Calculate Sustainabilty Contributions (recycled content, FSC®, recyclability)
- Regional Materials eligibility
- LEED Submittal Letter
- Revit® models from Armstrong to be integrated with qualifying criteria for LEED point calculations, powered by EcoScoreCard.



MORE ONLINE TOOLS:
See our Recycling/Diversion Savings Calculator and Environmental Impact Calculator on page 357

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Revit® is a registered trademark of Autodesk, Inc.
FSC® is a registered trademark of FSC Forest Stewardship Council, A.C., license code FSC-C007626



Reducing Our Product Impact

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
MR BD&C MR ID&C	**Building Life Cycle Reduction** **Interiors Life Cycle Impact Reduction**	BD&C – 3 ID&C – 1-3	ARMSTRONG PRODUCT EPDs **BD&C, Option 4:** Use Armstrong third party-certified Product EPD or Embodied Energy (EE) for Whole Building LCA Calculations. ARMSTRONG® CEILING-2-CEILING™ PRODUCTS **ID&C, Option 1 – Reuse of nonstructural elements:** Specify Armstrong® Ceiling-2-Ceiilng™ products – new ceilings made of reclaimed ceilings that are returned to our recycling program with a high level of post-consumer recycled content.
MR BD&C MR ID&C	**Building Disclosure and Optimization – Environmental Product Declaration**	BD&C – 1 ID&C – 1-2	ARMSTRONG PRODUCT EPDs **BD&C, Option 1:** Use Armstrong type III Product EPDs. **ID&C, Option 2:** Use Armstrong EPDs which show reduction in the total ceiling system and suspension system impact.
MR BD&C MR ID&C	**Building Disclosure and Optimization – Material Ingredients**	BD&C – 1-2 ID&C – 1-2	ARMSTRONG PRODUCT DECLARATIONS **BD&C, Option 1:** Material Ingredient Reporting: Armstrong Product Declarations qualify for Manufacturer Inventory (1 Pt).

Whatever your ceiling product, Armstrong is transparent about the environmental performance of its products. We are committed to reducing the impact of our products through innovative new materials and technologies, and communicating this information in this catalog and online.



Environmental Product Declarations (EPD)

We're committed to helping you reduce the environmental impact of the buildings you create… from product design and raw material selection, to how products are made and delivered. Now, we have Environmental Product Declarations for all major product families, including a view of the total ceiling system.

An Environmental Product Declaration (EPD) reports on the environmental impacts of our products in the areas of energy, carbon, water, and other categories from our product Life Cycle Assessments (LCA).



Product Declarations

The Armstrong Product Declaration offers a concise transparency summary of health and environmental product information. It is designed to function as a complement to the Environmental Product Declaration (EPD).

Our Product Declarations provide:

1. Disclosure of product ingredients reporting their CASRN, role, and screening against regulatory and non-regulatory references
2. A snapshot of the environmental impacts reported in our Environmental Product Declarations (EPD)
3. Detailed key sustainability information
4. Summarized performance attributes of the product. Product Declarations are designed to function as a complement to the Environmental Product Declaration (EPD).

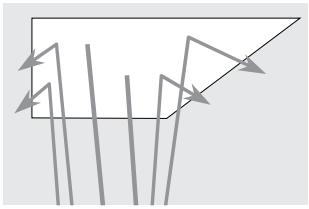
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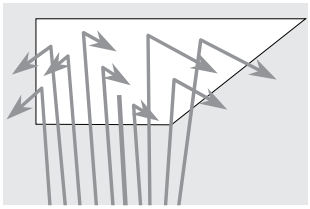
Energy Savings & Flexibility

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
EQ	**Interior Lighting – Lighting Quality**	BD&C – 1 ID&C – 1	ARMSTRONG HIGH LIGHT-REFLECTANT CEILINGS AND WALLS **BD&C, Option 2:** Choose Armstrong Hi-LR ceilings (LR 0.85) or walls (0.60) to aid in extending daylighting into the space. **BD&C, Option 2:** Specify Armstrong® TechZone® Ceiling System lighting partners and LED lighting as another option to satisfy LEED® criteria.
MR BD&C MR ID&C	**Building Life Cycle Reduction** **Interiors Life Cycle Impact Reduction**	BD&C – 3 ID&C – 1-3	DC FLEXZONE™ SUSPENSION SYSTEMS **ID&C, Option 3 – Design for Flexibility:** Install DC FlexZone™ Suspension Systems to distribute safe, low voltage direct current (DC) power, and improve the flexibility and reuse of interior spaces, armstrong.com/dcflexzone. ARMSTRONG ACCESSIBLE CEILING SYSTEMS **ID&C, Option 3 – Design for Flexibility:** Specify any of a wide range of both upward and downward accessible Armstrong ceilings in mineral fiber, fiberglass, metal, and wood substrates.

When designing an energy-efficient building, people tend to focus on everything from insulation to window placement, but in fact, ceiling systems can also play a role in increasing building efficiency. Here's a look at ceiling contributions for building efficiency.



Typical acoustical ceiling (LR 0.75) reflects just 75% of the light striking its surface.



High LR ceilings are engineered to reflect up to 90% of the light striking their surface.

High light-reflectant ceiling* benefits can include:

- Total building energy savings up to 11%
  - 23% reduction in lighting energy at same light level (fewer indirect lighting fixtures and lamp/ballast replacements)
  - 7% savings in cooling system energy
- Increased occupant satisfaction and productivity
- Ability to contribute to LEED® credits
- More effective use of energy budgets**



This Icon is used throughout this catalog to identify Armstrong products with high light-reflectance properties.

* A high light-reflectance ceiling has LR 0.83 or greater per ASTM E1477-98 as referred to in ASTM E1264-98

** Based on standards like those developed by the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) and the International Energy Conservation Code (IECC) currently being adopted across the U.S.



DC FlexZone main beams carry DC power.



Flexible, safe low voltage power supply housed in ceiling clouds.

Benefits of DC FlexZone:

- Low voltage DC power distributed through the ceiling suspension system
- Repurpose and reconfigure without rewiring
- Simple, flexible plug and play modularity
- Customize your space with devices where you need them
- Help accelerate use of DC-based LED lighting
- Enable direct use of on-site renewable energy, like wind and solar

eMerge™ ALLIANCE

LEED® is a registered trademark of the US Green Building Council



Recycling Ceilings

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
MR	**Construction Waste Management** Now a Prerequisite – ID at least 5 materials	MR Required MR 1-2	ARMSTRONG CEILING RECYCLING PROGRAM **MR:** Add the Armstrong Ceiling Recycling Program to the Waste Management Plan to provide a solution to divert materials from the waste stream, increasing diversion percentage. Ceilings qualify as one nonstructural material. Available throughout the U.S. and Canada. **MR, Option 1:** Ceilings qualify as a material stream to meet 50-75% diversion. **MR, Option 2:** Reduction in Total Waste: Specify products with minimal waste; Show ceiling waste reduction over drywall.

Recycling can be as good for you as it is for the Environment. It reduces waste, saves money, and is a smart alternative to dwindling landfill capacity. When ceilings are recycled by Armstrong, higher post-consumer Ceiling-to-Ceiling™ products are created.

It's easy to recycle.

1 Specify **2** Register **3** Confirm **4** Remove **5** Call us

For Details:
Visit armstrong.com/recycle or call the Armstrong Recycling Center at 1 877 276 7876, option 1, then 4

Two Options to Recycle:


1 Palletize


2 Container

The first Program in the Industry: Over 15 Years of Experience



In 1999, Armstrong Ceilings introduced the industry's first ceiling recycling program. To date, we have recycled more than 170 million square feet of old ceiling material. That's more than 85,000 tons of construction waste that's been diverted from landfills.



This Icon is used throughout this catalog to identify Armstrong products that are recyclable through our Armstrong Ceiling Recycling Program



Environmental Footprint

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
MR BD&C MR ID&C	**Building Life Cycle Reduction** **Interiors Life Cycle Impact Reduction**	ID&C – 1-3	ARMSTRONG® CEILING-2-CEILING™ PRODUCTS **ID&C, Option 1 – Reuse of nonstructural elements:** Specify Armstrong® Ceiling-2-Ceiilng™ products – new ceilings made of reclaimed ceilings that are returned to our recycling program with a high level of post-consumer recycled content.

RECLAIM AND RE-USE CEILING PANELS

What Do We Do With Material from the Recycling Program?

We turn it into new ceilings.

The reclaimed ceilings that are returned to our recycling program are made into new ceilings with a high level of post-consumer recycled content. Look for the Ceiling-2-Ceiling icon that identifies these products.



ONLINE TOOLS

Recycling/Diversion Savings Calculator

The Armstrong Recycling/Diversion Savings Calculator lets you track your diversion and recycling savings online. Print, email, or download to show your savings!

Environmental Impact Calculator

Our Environmental Impact Calculator takes your square footage estimate of recycled panels and calculates the savings of greenhouse gases, waste diverted from landfills, virgin raw materials, energy, and potable water saved.



LEED® is a registered trademark of the US Green Building Council

Armstrong®



Acoustic Performance

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
EQ	**Acoustic Performance (now all Rating Systems)**	BD&C – 2 ID&C – 2	ARMSTRONG ACOUSTIC CEILINGS & WALLS **BD&C – 2, Option 2:** Choose Armstrong® Wall Panels to add to drywall for a higher combined STC value, significantly reducing Sound Transmission. **BD&C – 2, Option 2:** Armstrong® acoustic ceilings absorb sound, contributing to the reduction of Reverberation Time and increased speech intelligibility. Schools must meet ANSI Standard S12.60 contributing to the reduction of reverberation time.

Acoustics play an integral role in any space. Surface finishes selected must enhance the indoor environmental quality of a space relative to its functionality. Armstrong ceilings with Total Acoustics™ performance reduce noise levels in interior spaces, allowing for an ideal combination of high performance sound absorption and room-to-room sound attenuation to maximize speech intelligibility.

NRC + CAC = Total Acoustics™ Performance

Setting	Situation	Acoustical Suggestion	Recommended Ceiling System
Workplace			
Open Office	Employees have difficulty focusing on tasks due to noisy office space. Contributors of distractions include conversations of co-workers in collaboration areas, benching workstations, and use of speaker phones.	Worker effectiveness can be increased with ceilings that provide Total Acoustics™ performance using high NRC products in open plan areas to absorb and block sound.	Lyra™ High CAC, Optima®, Calla™, TechZone® Ceiling Systems Ultima® High NRC, Cirrus® High NRC, Fine Fissured™ High NRC Ultima®, Cirrus®, Formations™ Acoustical Clouds
Closed Office	Concentrating on technical work is difficult when sound can be heard through doorways, windows, and HVAC ducts transferring sound from room to room. Employees ranked acoustics the lowest of key attributes in the workplace.	Ceilings that provide Total Acoustics™ performance have high CAC and NRC to provide privacy from adjoining offices and corridors.	Lyra™ High CAC, Ultima® High CAC, Cirrus®, WoodWorks® Ultima, Cirrus, Mesa™ High CAC MetalWorks™ perforated panels
Education			
Classroom	Excessive reverberation inhibits student understanding and increases teacher vocal strain. Studies indicate that students typically hear only 3 out of every 4 words, missing 25% of what is said in the classroom.	Ceilings with Total Acoustics™ performance provide shorter reverberation time, better sound absorption, and sound blocking, which promotes higher speech intelligibility.	Ultima, Optima, Lyra™ High CAC, TechZone Ceiling Systems School Zone® Fine Fissured™, Cirrus® High NRC School Zone Fine Fissured, Cirrus
Cafeterium	Open multi-purpose spaces change from cafeterias to auditoriums to gymnasiums requiring different acoustical needs depending on use.	Sound absorption is key and can be accomplished with Total Acoustics™ ceilings with high NRC products along with CAC for sound blocking to prevent sound from traveling into adjacent classrooms.	MetalWorks™ perforated panels, Lyra™ High CAC Calla, Ultima, Formations Acoustical Clouds School Zone Fine Fissured
Healthcare			
Patient Room	The need to share private medical information between patients, doctors, and other medical staff without worrying about being overheard by others is key in a healthcare environment.	A ceiling with Total Acoustics™ performance helps to block noise and control reverberation, and from transferring noise to other spaces. The result is a private, secure environment for sharing confidential information, holding discreet conferences, and understanding critical instructions.	Ultima® High CAC, Ultima® High NRC, Ultima® Health Zone™, Ultima® Health Zone™ High NRC Mesa™ High CAC, Fine Fissured™ High NRC, Ultima, Ultima® Create!™, Calla Cirrus® High NRC, Mesa
Lobby and Nurses' Station	Noise caused by hard surfaces, active corridors, busy nurses' stations, alarms, non-private treatment areas, and a 24/7 work environment all help to create sound levels that exceed those recommended by the World Health Organization.	Spot absorption in larger open spaces, and cleanable, scrubbable ceilings with Total Acoustics™ performance offer noise reduction and sound blocking in spaces with wall-to-wall ceilings, addressing excessive noise and reverberation.	Optima® Health Zone™, Ultima® Health Zone™ Lyra™ High CAC, Optima® High CAC, Calla, Ultima, WoodWorks perforated panels, MetalWorks perforated panels Cirrus, Mesa™ High CAC

LEED® is a registered trademark of the US Green Building Council



NRC + CAC = Total Acoustics
Total Acoustics Ceilings have an ideal combination of noise reduction and sound-blocking performance in one product

NRC + CAC

Acoustic Performance

Acoustics Key Terms

Whether your acoustical concerns are basic, specific, or revolve around achieving Total Acoustics™ performance, here's a quick reference guide to help make acoustics terms a little more simple.

Reverberation

The persistance of sound in an enclosed space after the source of the sound has stopped. The level of the reverberant sound within a room is dependent on both the volume of the room and the amount of sound absorption installed within the room, such that small hard surfaced rooms are "louder" than large well-treated rooms.



Sound Reflection

Intentional use of non-absorptive surfaces that enhance a lively acoustical sound quality, typically for nightclubs or music venues.



NRC + CAC = Total Acoustics™ Performance

CEILINGS

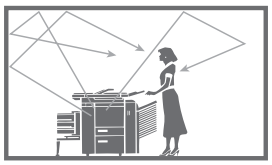
Noise Reduction Coefficient (NRC)

A measure for rating the overall sound absorption of a material when used in an enclosed architectural space where sound is reflected at many angles of incidence.

A ceiling system with an NRC < 0.50 is low performance, an NRC > 0.70 is high performance.

NRC is important in any space where reverberation time and noise levels are an issue.

- NRC is measured according to ASTM C423
- NRC is a key metric used in the Americas. Europe and other geographics use the weighted sound absorption coefficient α_w.



Ceiling Attenuation Class (CAC)

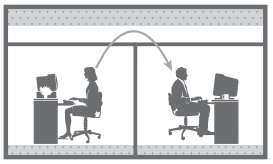
A measure for rating the performance of a ceiling system as a barrier to airborne sound transmission through a common plenum between adjacent closed spaces, such as private offices, and open spaces used for collaboration and focus areas.

A ceiling system with a CAC < 25 is considered low performance, whereas one with CAC of 35 or higher is high performance.

CAC is important between closed spaces needing privacy and from closed rooms to adjacent spaces such as:

- Closed offices to corridors
- Classrooms to group learning areas
- Healthcare offices and exam rooms to waiting rooms

CAC is measured according to ASTM E1414.



CLOUDS, CANOPIES / VERTICAL ELEMENTS

Sabin

A measure of sound absorption provided by a material when installed within an architectural space. The number of sabin per unit is approximately equal to the total surface area of the unit (in square feet) that is exposed to sound, multiplied by the absorption coefficient of the material.

Sabin per unit is preferred to characterize the absorption provided by an individual "space absorber," such as a baffle, blade, cloud, or canopy in:

- Open offices or retail spaces
- Open plenum areas
- Corridors/lobbies

Absorption of sabin is measured according to ASTM C423.



REFERENCE – ACOUSTIC PERFORMANCE



Acoustic Performance

Acoustics Key Terms

Whether your acoustical concerns are basic, specific, or revolve around achieving Total Acoustics™ performance, here's a quick reference guide to help make acoustics terms a little more simple.

A wall system with an NRC < 0.50 is low performance, an NRC > 0.70 is high performance. NRC is important in any space where reverberation time and noise levels are an issue.

- NRC is measured according to ASTM C423
- NRC is a US-based measure. Other geographics use the weighted sound absorption coefficient α_w.

Articulation Class (AC)

A measure for rating the attenuation of reflected speech passing over the top of wall partitions or furniture into the adjoining workstations.

A ceiling system with AC < 150 is low performance, whereas one with AC ≥ 180 is high performance.

AC is important between adjacent cubicles in open plan spaces:

- Office – focus spaces
- Office – collaboration areas
- Open plan healthcare/partial height cubicle areas

AC is measured according to ASTM E1110 and E1111.



Sound Transmission Class (STC)

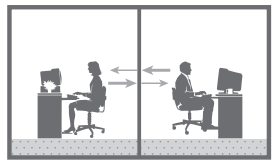
A measure for rating the performance of a wall system as a barrier to airborne sound transmission between adjacent closed spaces, such as offices.

A wall system with an STC < 35 is considered low performance, whereas one with an STC > 55 is high performance. STC is the wall equivalent of CAC.

STC is important between closed spaces and in many open plan spaces:

- Closed offices, corridors
- Open offices with dividers

STC is measured according to ASTM E90.



ONLINE TOOLS

Online Reverberation Calculator

Our new interactive web-based tool calculates reverberation and sound quality for speech intelligibility which is very important for the built environment. This tool allows you to hear the before and after difference. Providing recommendations for both new spaces and upgrades to existing spaces, this easy-to-use tool makes specifying recommended sound-absorptive ceilings and walls easy, and cost effective.

armstrong.com/reverbtool



MOBILE TOOLS

Sound Level Meter App From Armstrong

Visualize the noise in your space with the Sound Level Meter app by Armstrong.

- Record the noise in your space with your iPhone® mobile device
- See how it measures against recommended ranges for similar spaces
- If there's a problem, learn how to improve the acoustics





iPhone is a registered trademark of Apple, Inc.



Visit our web site and
watch our video for
Acoustics in Education
armstrong.com/quieterschools

Acoustic Performance

Speech Intelligibility – Why it's Important The quality of the acoustic environment in a classroom or learning facility is vital, since students must be able to understand the teacher to learn effectively. This ability is especially important to students with hearing impairments, very young children, and students for whom English is a second language. Teachers must also be taken into consideration, since vocal strain can contribute to fatigue, frustration, and even "burnout."

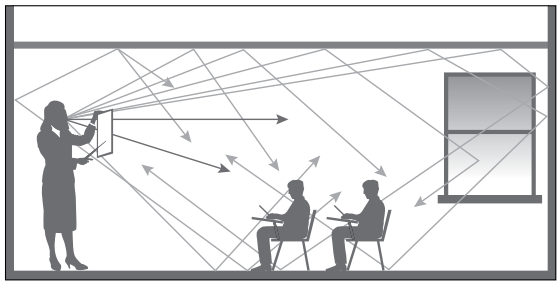
Ceiling panels with Total Acoustics™ Performance provide the ideal combination of noise reduction and sound-blocking performance to help keep noise levels down and sound levels where you want them for optimum communications.

NRC + CAC = Total Acoustics™ Performance

EDUCATION

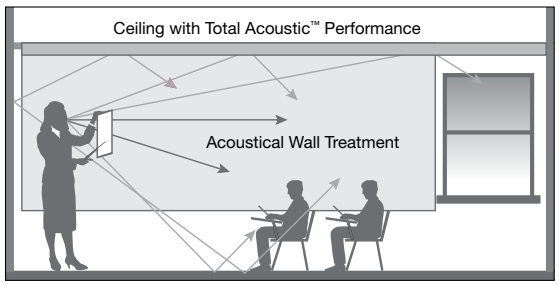
Hard Surface Classroom

Black arrows represent direct sound from teacher to student. Grey arrows represent reflected sound.



Acoustically Treated Classroom

The addition of sound absorbing materials reduces late arriving reflected sound, lowers reverberation time, and improves speech intelligibility.



The intelligibility of speech in a classroom depends on both reverberation time and the signal-to-noise ratio.

The signal-to-noise ratio, or S/N, is the ratio of the speech level reaching the student's ear relative to the background noise that interferes with hearing the speech.

The potential for good sound quality is determined by the architectural design as represented by reverberant sound and reverberation time. To protect the sound quality provided by the architecture requires that the intruding background noise be kept low.

There are several ways to increase the signal-to-noise ratio:

- Raise speech level
  - The teacher can speak louder, but, of course, runs the risk of vocal strain
- Reduce noise traveling through the ceiling plenum, from the floor above, or an adjacent classroom
  - Choose a ceiling with a high CAC value; the higher the number, the better it acts as a sound barrier
- Reduce noise traveling through the walls
  - The new ANSI standard requires a minimum STC of 50 for a wall separating two adjacent classrooms. The higher the number, the better the performance.
- Reduce noise within the room
  - Use a quiet heating/ventilation (HVAC) system

The reverberation time in a space is essentially the time it takes for the reflected sound within the space, such as from a loud hard clap, to become "inaudible." A long reverberation time is detrimental to good speech intelligibility, since the reflections of words just spoken can interfere with words now being spoken.

Sound-absorptive material can be added to the room to reduce reverberation time and help meet ANSI S12.60:

- Reduce reflected sound (reverberation time)
  - Add sound-absorbing material to reduce reverberation.
  - A ceiling with an NRC of at least 0.70 is recommended
  - If the ceiling is high, Soundsoak® wall treatments will also be beneficial

REFERENCE – ACOUSTIC PERFORMANCE



Visit our web site and **watch our videos for Acoustics in Offices, Healthcare, and Education**
armstrong.com/quieteroffices
armstrong.com/quieterhospitals

Acoustic Performance

Speech Privacy – Why it's Important

The two leading sources of workplace dissatisfaction are lack of speech privacy and noise, both of which adversely affect work performance. In healthcare, maintaining patient confidentiality, including oral privacy, is a HIPAA requirement. Noise can also affect patient recovery and HCAHPS outcomes. Total Acoustics™ ceiling panels provide the ideal combination of noise reduction and sound blocking to help keep noise levels down and private conversations private.

NRC + CAC = Total Acoustics™ Performance

OFFICE



NEED:
Confidentiality in a private office or conference room

SOLUTION:
Total Acoustics ceiling to block sound to keep conversation private and decreased reverberation needed for focus

Defining Speech Privacy Levels

1. **CONFIDENTIAL** partially overheard, but not understood
2. **NON-INTRUSIVE/NORMAL** can be overheard, partially understood
3. **POOR** mostly overheard and understood
4. **NO PRIVACY** fully overheard and understood

Recommended Applications*

Confidential Privacy:
Expected for most private offices, PI: 95%-100%.

Normal Privacy:
Allows people to think and concentrate and is expected for most open plan spaces. PI: 80%-95%.

Marginal or No Privacy:
Common in many office environments.

*Commonly recognized levels of Speech Privacy as defined by ASTM E1130.

HEALTHCARE



NEED:
Patient recovery and oral privacy

SOLUTION:
Total Acoustics ceilings provide sound blocking for recuperation and decreased reverberation for optimum communications

HIPAA, FGI & HCAHPS Guidelines in Healthcare

All healthcare facilities, including hospitals, doctors' offices, and pharmacies, need to comply with the Health Insurance Portability and Accountability Act (HIPAA) as well as the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS). Fortunately, there are easy and economical ways to meet these oral privacy regulations and expectations in treatment and patient rooms, and waiting and reception areas. Armstrong® high-performance acoustical ceiling systems absorb and block sound to create a more quiet and therapeutic environment.

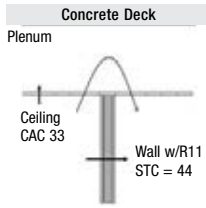
The FGI Guidelines for the Design and Construction of Healthcare Facilities also include recommendations for acoustical finishes and details, room noise levels, sound isolation, and sound masking and paging.

By using Total Acoustics™ ceilings, you can help ensure compliance with HIPAA and FGI, and assure positive HCAHPS outcomes.

Effective Building Design for Speech Privacy Using Sound Blocking Techniques

Building design can have significant impact on speech privacy and construction costs. Below are typical construction scenarios showing how speech privacy is affected.

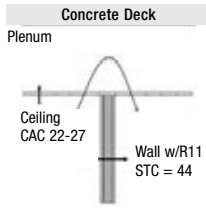
Scenario 1: Typical Design



- Mineral fiber ceiling (NRC 0.50/CAC 33)
- Wall to ceiling
- No plenum barrier
- Background noise at ASHRAE recommended 37 dBA

Privacy Index* is less than 95%

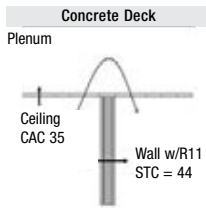
Scenario 2: Perceived Upgrade



- Fiberglass or stone wool ceiling (NRC 0.90/CAC 22-27)
- Wall to ceiling
- No plenum barrier
- Background noise at ASHRAE recommended 37 dBA

Privacy Index* is significantly lower than 95%

Scenario 3: HIPAA Compliant Solution



- Mineral fiber ceiling (NRC 0.70/CAC 35)
- Wall to ceiling
- No plenum barrier
- Background noise at ASHRAE recommended 37 dBA

Privacy Index* is greater than 95% and confidential speech privacy is achieved

*Privacy Index measurement and calculation are defined in ASTM E1130

UL Classified Acoustical Performance Summary

Acoustic Performance

Product Family	Sound absorption co-efficients[A] – e-400 mounting						Published value: sound absorption[B]	Published value: sound transmission[C]
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC[D]	CAC[D]
Soft Fiber								
Lyra™	0.75	0.95	0.79	1.00	1.03	1.00	.95	–
Optima® 1.5" w/CAC Backing	0.51	0.85	0.91	1.13	1.09	1.01	1.00	26
Optima 1.5"	0.73	0.95	0.92	1.06	1.03	0.94	1.00	–
Optima 1"	0.76	0.89	0.84	1.02	1.09	0.99	0.95	–
Optima 3/4"	0.81	0.94	0.76	0.93	1.05	1.01	0.90	–
Optima® Vector® 7/8" w/CAC Backing	0.42	0.44	0.78	0.94	1.09	1.05	0.80	26
Optima Vector 7/8"	0.72	0.84	0.79	0.99	1.06	1.00	0.90	–
Optima® Health Zone™ 1"	0.72	1.00	0.80	1.01	1.06	0.98	0.95	–
Painted Nubby™ 1"	0.76	0.89	0.84	1.02	1.09	0.99	0.95	–
Painted Nubby 3/4"	0.73	0.94	0.70	0.90	0.99	1.01	0.90	–
Pebble™ High NRC Perforated	0.74	0.78	0.68	0.88	0.78	0.66	0.80	–
Pebble 5/8" Perforated	0.59	0.70	0.56	0.84	0.89	0.71	0.70	–
Pebble Unperforated	0.50	0.31	0.28	0.77	0.66	0.67	0.50	–
Random Fissured™ 5/8" Perforated	0.59	0.70	0.56	0.84	0.89	0.71	0.70	–
Random Fissured Unperforated	0.44	0.35	0.33	0.83	0.84	0.64	0.55	–
Shasta® 5/8" Perforated	0.59	0.70	0.56	0.84	0.89	0.71	0.70	–
Shasta Unperforated	0.50	0.31	0.28	0.77	0.66	0.67	0.50	–
Mineral Fiber								
Armatuff®	0.33	0.32	0.69	0.65	0.52	0.36	0.50	33-35
Calla™	0.58	0.65	0.74	0.94	0.98	0.95	0.85	32
Ceramaguard® Perforated	0.28	0.27	0.43	0.72	0.90	0.86	0.55	38-40
Ceramaguard Unperforated	–	–	–	–	–	–	–	40
Cirrus® 3/4"	0.31	0.35	0.62	0.86	0.94	0.89	0.70	35
Cirrus® 3/4" Fire Guard™	0.27	0.25	0.29	0.36	0.46	0.53	0.35	35
Cirrus 7/8"	0.36	0.40	0.66	0.84	0.88	0.91	0.70	38
Cirrus® 7/8" High CAC	0.27	0.37	0.70	0.91	0.94	0.96	0.70	40
Cirrus® 7/8" High NRC	0.33	0.39	0.85	1.00	0.96	0.96	0.75	35
Cirrus 3/4" 1-Up Profiles	0.26	0.36	0.57	0.82	0.89	0.85	0.65	35
Cirrus 3/4" 4-Up Profiles	0.32	0.29	0.55	0.87	0.96	0.91	0.65	35
Cirrus® Second Look®	0.23	0.31	0.59	0.83	0.95	0.95	0.65	35
Cirrus® Themes™	–	–	–	–	–	–	0.65	35
Clean Room™ FL (field units)	0.28	0.30	0.69	0.94	0.77	0.54	0.55	35
Clean Room FL (border units)	–	–	–	–	–	–	–	35
Clean Room VL Unperforated	–	–	–	–	–	–	–	40
Clean Room VL Perforated	0.22	0.24	0.53	0.90	0.78	0.47	0.55	35
Cortega® 5/8"	0.21	0.26	0.51	0.78	0.75	0.69	0.55	35
Cortega 5/8" Fire Guard	0.22	0.26	0.46	0.78	0.92	0.82	0.55	35
Cortega Second Look	0.20	0.30	0.48	0.72	0.73	0.73	0.55	30-35
Cortega Second Look Fire Guard	0.23	0.31	0.56	0.87	0.85	0.82	0.55	40

A = These are representative data for the product family. Sound absorption test data for specific item tested. Data and test reports for most products available upon request. Contact TechLine℠ at bpotechline@armstrong.com

B = Sound Absorption Data and NRC rating obtained by ASTM Procedure C423, "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method." Sample mountings follow procedures outlined in ASTM E795, "Standard Practices for Mounting Test Specimens During Sound Absorption Tests."

C = Sound Transmission loss data obtained by procedures outlined in AMA-1-II, "Test Method for Ceiling Sound Transmission Test by the Two-Room Method" or by the ASTM Procedure E1414, "Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum." CAC rating determined by following procedures outlined in ASTM Procedure E413, "Classification for Rating Sound Insulation."

D = NRC and CAC single number ratings comply with ASTM E1264 classification requirements.

UL Classified Acoustical Performance Summary

Product Family	Sound absorption co-efficients[A] – e-400 mounting						Published value: sound absorption[B]	Published value: sound transmission[C]
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC[D]	CAC[D]
Mineral Fiber (continued)								
Dune™ 5/8"	0.33	0.34	0.65	0.64	0.59	0.42	0.55	30-35
Dune 3/4"	0.21	0.33	0.81	0.76	0.61	0.48	0.50	35
Dune™ 5/8" Fire Guard™	0.21	0.28	0.51	0.74	0.60	0.42	0.50	33-35
Dune™ Second Look®	0.34	0.35	0.64	0.60	0.53	0.40	0.50	35
Fine Fissured™ Concealed / T&G	0.43	0.31	0.42	0.66	0.79	0.70	0.55	35
Fine Fissured 5/8"	0.28	0.28	0.49	0.74	0.75	0.65	0.55	33-35
Fine Fissured 5/8" Fire Guard	0.18	0.25	0.51	0.86	0.83	0.72	0.55	35
Fine Fissured™ 5/8" High Durability	0.18	0.25	0.51	0.86	0.83	0.72	0.55	35
Fine Fissured™ 3/4" High Acoustics Lay-In	0.25	0.32	0.74	0.92	0.86	0.84	0.70	35-40
Fine Fissured™ 3/4" High Acoustics Tegular	0.29	0.30	0.65	0.91	0.85	0.79	0.70	40
Fine Fissured™ 3/4" High Acoustics Fire Guard™	0.20	0.30	0.74	0.95	0.87	0.82	0.70	35-40
Fine Fissured™ 7/8" High NRC	0.28	0.39	0.86	1.01	1.01	1.02	0.75	35
Fine Fissured Second Look I, II	0.20	0.30	0.48	0.72	0.73	0.73	0.55	30-35
Fine Fissured Second Look III	0.28	0.30	0.56	0.60	0.60	0.60	0.50	35
Fine Fissured Second Look II Fire Guard	0.21	0.30	0.70	0.82	0.84	0.85	0.55	35
Fissured™	0.23	0.23	0.49	0.72	0.73	0.72	0.55	30
Fissured Fire Guard	0.22	0.26	0.46	0.78	0.92	0.82	0.60	35
Georgian™ 5/8"	0.28	0.23	0.49	0.81	0.80	0.75	0.55	33
Georgian 5/8" Tegular	0.32	0.33	0.60	0.71	0.56	0.40	0.55	35
Georgian™ High Acoustics	0.30	0.28	0.60	0.97	0.85	0.54	0.65	35
Georgian™ High Washability	–	–	–	–	–	–	–	33
Georgian™ High Washability Fire Guard™	–	–	–	–	–	–	–	35
Graphis® Finetex™	–	–	–	–	–	–	–	35
Graphis® Rustex™	0.39	0.31	0.44	0.69	0.89	0.98	0.55	30
Ledges®	–	–	–	–	–	–	–	35
Mesa™	0.35	0.40	0.67	0.78	0.76	0.67	0.60	33-35
Mesa™ High CAC	0.30	0.32	0.69	0.84	0.73	0.62	0.60	40
Tincraft™	–	–	–	–	–	–	–	35
Tundra®	0.23	0.27	0.57	0.67	0.52	0.41	0.50	33-35
Ultima®	0.33	0.33	0.70	0.89	0.92	0.96	0.70	35
Ultima® Health Zone™	0.30	0.32	0.71	0.92	0.90	0.89	0.70	35
Ultima® Health Zone™ High NRC	0.28	0.36	0.82	1.06	0.99	0.98	0.80	35
Ultima® High CAC	0.26	0.31	0.59	0.78	0.80	0.69	0.60	40
Ultima® High NRC	0.31	0.44	0.85	0.95	0.93	0.92	0.80	35
Ultima® Vector®	0.34	0.38	0.67	0.89	0.82	0.80	0.70	33

A = These are representative data for the product family. Sound absorption test data for specific item tested. Data and test reports for most products available upon request. Contact TechLine℠ at bpotechline@armstrong.com

B = Sound Absorption Data and NRC rating obtained by ASTM Procedure C423, "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method." Sample mountings follow procedures outlined in ASTM E795, "Standard Practices for Mounting Test Specimens During Sound Absorption Tests."

C = Sound Transmission loss data obtained by procedures outlined in AMA-1-II, "Test Method for Ceiling Sound Transmission Test by the Two-Room Method" or by the ASTM Procedure E1414, "Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum." CAC rating determined by following procedures outlined in ASTM Procedure E413, "Classification for Rating Sound Insulation."

D = NRC and CAC single number ratings comply with ASTM E1264 classification requirements.



Lighting Quality

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
EQ	**Interior Lighting – Lighting Quality**	BD&C – 1 ID&C – 1	ARMSTRONG HIGH LIGHT-REFLECTANT CEILINGS AND WALLS **BD&C, Option 2:** Choose Armstrong Hi-LR ceilings (LR 0.85) or walls (0.60) to aid in extending daylighting into the space. **BD&C, Option 2:** Specify Armstrong® TechZone® Ceiling Systems lighting partners and LED lighting as another option to satisfy LEED® criteria.

Energy Reduction and Comfort

Indirect lighting in work environments is increasingly important in areas without natural light. The indirect lighting leads to higher visual comfort levels which has been proven to increase employee effectiveness.

High light-reflectance ceilings enhance the benefits of indirect lighting by improving overall lighting uniformity, returning up to 90% of light back into the space, compared to 75% with standard ceilings

Low-Emitting Materials

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
EQ	**Low Emitting Materials**	BD&C – 1-3 ID&C – 1-3	ARMSTRONG LOW OR NO-ADDED FORMALDEHYDE CEILINGS All Armstrong mineral fiber and Optima® PB acoustical ceilings meet General Emissions Evaluation per the CDPH standard; v1.1 2010. All Armstrong WoodWorks® ceilings (except WoodWorks Channeled and solid wood options) meet CARB. ULEF options available.

VOC and Formaldehyde Emissions

When it comes to sustainability, the environment inside the building is just as important as what's happening outside. Increasing attention is being given to the quality of the indoor environment and the presence of Volatile Organic Compounds (VOCs).

Armstrong low-emitting ceilings are third-party tested, compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED®, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol. For further information, download our VOC Emissions certifications for each product family at armstrong.com/commceilings

AIRGUARD™ COATING

AirGuard Coating for Ultima® ceiling panels is a revolutionary breakthrough to actively remove formaldehyde in buildings. When applied to the back of ceiling panels, the AirGuard Coating (a UL Environment-Certified™ Product) converts the formaldehyde present in interior spaces into an inert substance permanently captured by the ceiling.

Product testing and measurement followed: ASTM procedures (ASTM 5116-10, D 5197-03, and ISO Standards ISO-16000-23).

AIR CLEANLINESS

Healthcare and Clean Rooms

Armstrong Ceiling Systems can meet stringent requirements for air cleanliness in healthcare and clean room environments. Select products meet ISO Class 5 in accordance with ISO 14644-1. This corresponds with Class 100 of U.S. Federal Standard 209E.

AirGuard™ Coating is a UL-Environment™ Certified Product and listed in the UL database of Validated and Certified products.
LEED® is a registered trademark of the US Green Building Council



Durability & Cleanability

Credit	LEED® Credit	Points	Armstrong Ceilings Contribution
MR ID&C	**Building Life Cycle Reduction** **Interiors Life Cycle Impact Reduction**	ID&C – 1-3	ARMSTRONG DURABLE AND CLEANABLE CEIINGS **ID&C , Option 3:** Armstrong durable, damage = resistant and cleanable ceilings minimize the need for frequent replacement and disposal, and maximize the life cycle of the ceiling

When manufacturers make durability claims, it is helpful to know the facts based behind them. Our icons and claims are backed whenever possible, by industry-standard tests, outlined below.

CLEANABILITY

Water Repellency

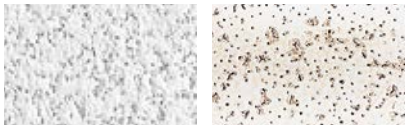
Ceilings installed in healthcare environments are required to be cleanable and must not interfere with infection control. In addition to washability and scrubbability, ceilings in healthcare spaces should also be water-repellent. While an ASTM test does not exist to test for water repellency, in-house testing confirms that Ultima® Health Zone™, Ultima® Health Zone™ High NRC, and Optima® Health Zone™ have been engineered to resist water absorption for a minimum of 15 minutes; the time required for proper cleaning and disinfection.



Washability

Washability Test – ASTM D4828

Ceilings installed in laboratories, clean rooms, food preparation areas, and other sanitary applications are required to meet washability standards. The Washability Test evaluates a ceiling's ability to withstand washing.

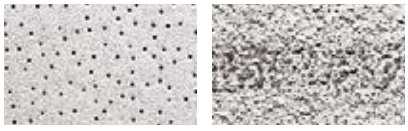


These photos show the superior washability of a Health Zone ceiling versus a standard ceiling.

Scrubbability

Scrubbability Test – Modified ASTM D2486 Procedure

Ceilings installed in laboratories, clean rooms, and food preparation areas are required to meet scrubbability standards – and, sometimes other specific criteria. The Scrubbability Test evaluates a ceiling's ability to withstand scrubbing.



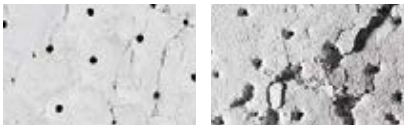
These photos show the excellent scrubbability of a VL ceiling versus a less scrubbable ceiling.

ABUSE RESISTANCE

Impact Resistance

Striking Ball Impact Test – Modified ASTM D1037 Procedure

Ceilings in areas like school corridors or gymnasiums need to withstand abuse, including surface impact. The Striking Ball Impact Test evaluates a ceiling's impact resistance.

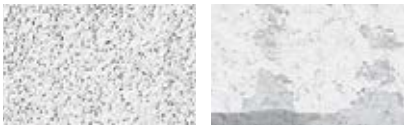


These photos show the excellent impact resistance of a Tundra® ceiling versus a less impact-resistant ceiling.

Scratch Resistance

Hess Rake Test

In any areas where lay-in ceiling panels frequently need to be removed for plenum access, surface scratch resistance is highly desirable. The Hess Rake Test evaluates surface scratch resistance.



These photos show the excellent scratch resistance of an Ultima® ceiling (with DuraBrite® surface) versus a competitive fine texture ceiling.

Soil Resistance

Simulated Supply Air Diffuser Soiling Test

Dirt accumulation not only detracts from a ceiling's appearance, but can cost money by requiring painting or replacement of the ceiling. In addition to reducing acoustical efficiency, soiling can cause a substantial reduction in light reflectance. The Simulated Supply Air Diffuser Soiling Test evaluates this soil-resistant property.



These photos show the excellent soil resistance of an Ultima® ceiling (with DuraBrite® surface) versus a competitive fine texture ceiling.

Frequent Plenum Access

Minimize Damage

Downward access for Vector® panels minimizes panel damage from hanger wires and other obstructions.

LEED® is a registered trademark of the US Green Building Council



No Sag/Humidity Resistance and Anti-Mold/Mildew

Often, ceilings are installed before buildings are enclosed, exposing the building materials to high levels of humidity. Many Armstrong® ceilings can be installed in the state of construction when windows are not fully installed without any risk of sag. Some Armstrong ceilings are coated with a mold-inhibiting agent, others inherently resist growth of mold and mildew.

ARMSTRONG® HUMIGUARD® CEILINGS

- Can be installed before buildings are enclosed
- Minimize replacement of sagging ceilings
- Stay flat, even where HVAC systems are cycled

HumiGuard® Max

HumiGuard Max ceiling panels maintain maximum humidity and sag resistance, including outdoor applications.

HumiGuard Plus

HumiGuard Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to but not including standing water and outdoor applications.

Virtually all Armstrong acoustical panels not identified as HumiGuard Plus or HumiGuard Max provide acceptable humidity resistance for most conventional commercial building applications, when the building is closed in and HVAC systems are functioning on an ongoing basis.

ARMSTRONG ANTI-MOLD & MILDEW

Armstrong® BioBlock® Ceilings

Ceiling panels with Bioblock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.



After a 28-day incubation period, a BioBlock ceiling panel received an ASTM rating of 10 (D3274 prescribed rating scale) or 0 (G-21 rating scale), signifying no visible mold growth.



The standard "control" ceiling panels received a D3274 rating of 0, signifying "heavy growth" (on more than 60% of each specimen).

Potential Ceiling Contribution

We stand behind our ceiling system performance with a 30-Year Limited System Warranty that Armstrong® HumiGuard® ceilings will resist visible sag, and that Armstrong® BioBlock® ceilings will resist the growth of mold and mildew.

Commercial Ceiling panels with BioBlock coating are warranted to inhibit the growth of mold and mildew for 30 years from the date of installation. Armstrong® BioBlock® coating contains a mold-inhibiting agent that provides resistance to the growth of mold and mildew over the warranty period. Armstrong® HumiGuard® Plus fiberglass ceiling panels and HumiGuard Max mineral fiber ceiling panels are not treated with the BioBlock coating, but are warranted to inhibit the growth of mold and mildew for 30 years from the date of installation due to the inherent characteristics of the product.

ARMSTRONG RESOURCES AVAILABLE TO YOU

- **armstrong.com/commceilings search: humidity**
- TechLine at 1 877 ARMSTRONG (276-7876)
- BPCS-3527 The Basics of Mold & Moisture Control Brochure



Fire Resistance

Local building codes for safe construction rely on two fire ratings to evaluate compliance: (1) Material Flame Spread/Smoke Developed Index Rating, and (2) Fire Resistance Assembly Rating. These ratings are based on ASTM standards, and compliance is determined by several independent, non-governmental testing services such as Underwriters Laboratories, Inc.

SELECTING THE RIGHT UL FIRE-RATED ASSEMBLY

Flame Spread Index (FSI)/Smoke Developed Index (SDI) ASTM E84; UL 723; CAN/ULC - S102M

This is a standard method of testing for surface burning charactеristics of building products.

FSI is the relative rate at which a flame will spread over the surface of the material. This index is compared against a rating of 0 for inorganic reinforced cement board, and an index of 100 for red oak. Class A (ASTM E1264) building products require a flame spread index of 25 or less – the required standard for most commercial applications. Class A building products require a smoke developed index of 50 or less.

Continuous Versus Open Plenum Ceilings

A continuous ceiling may allow sprinklers and smoke detectors to activate faster, providing added escape time for occupant evacuation. In buildings where a ceiling is not in place, the height of the space is normally greater and could delay the operation of the fire sprinkler or smoke detector systems.

Fire Resistance Rating of a Ceiling Assembly (ANSI/UL 263 – ASTM E119 and NFPA 251) (CAN/ULC - S101M)

The degree to which the entire assembly (measured in hours), not individual components, withstands fire and high temperatures.

Specifically, it is an assembly's ability to prevent the spread of fire between spaces while retaining structural integrity.

The resulting fire resistance rating relates to the assembly in its entirety and is published or classified in the UL Fire Resistance Directory.

Use Only Fire Guard™ Products for Fire-Rated Assemblies

Selecting the Right UL Fire-Rated Assembly

1. Establish the hourly rating needed to meet code requirements.
2. Determine the existing or planned building elements, including structural, mechanical, electrical, and finish materials, in the fire-rated assembly.
3. Refer to the Fire Resistance Rating Summary (armstrong.com/ulfire) to determine the UL design numbers and ceiling system products that correspond to the fire-rated assemblies that meet your needs.
4. Refer to the Fire Resistance Selector information on our web site armstrong.com/commceilings.

Two types of fire-rated construction assemblies pertain to acoustical ceiling systems:

Roof/Ceiling Assemblies

Ceiling system, lighting, HVAC outlets, and other penetrants through the ceiling, the plenum, roof support structure, and roof assembly including deck, insulation, and roofing system.

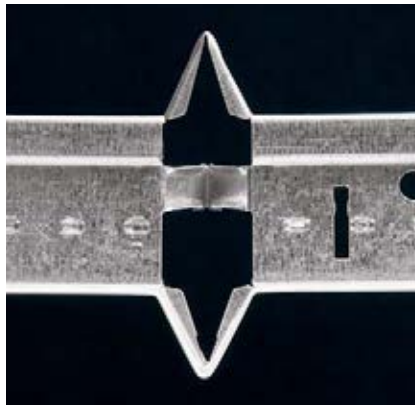
Floor/Ceiling Assemblies

Ceiling system, lighting, HVAC outlets, and other penetrants through the ceiling, the plenum, structural system, subfloor, and finish floor.

Armstrong panels are UL listed and outperform requirements for ceilings.

For UL Fire Resistive Ceiling Assembly Details, see pages 369-371.

Armstrong® Fire Guard™ ceilings are specially formulated to provide enhanced resistance against structural failure. Fire Guard suspension systems have patented expansion relief to help maintain structural integrity of the ceiling.



Main beam expansion relief

Fire Guard™ products in this catalog are listed under the following product families:

Armatuff®	Page 154
Ceramaguard®	Pages 157-158
Ceramaguard® Fine Fissured™	Pages 157-158
Cirrus®	Pages 159-164
Clean Room™	Pages 171-172
Cortega®	Pages 173-174
Cortega® Second Look®	Pages 173-174
Dune™	Pages 179-180
Fine Fissured™	Pages 183-188
Fissured™	Page 190
Georgian™	Pages 191-192
Tundra®	Pages 231-232
Ultima®	Pages 233-238
VL	Pages 171-172

ARMSTRONG RESOURCES AVAILABLE TO YOU

- **armstrong.com/fireresistance**
- TechLine at 1 877 ARMSTRONG (276-7876)
- BPCS-3959 Suspended Ceiling or Open Plenum – Making the Right Choice
- Summary listing, UL Fire Resistive Ceiling Assemblies – armstrong.com/ulfire

Fire Resistance Assembly Chart

Deck Construction Type	UL Design Number	Concrete Thickness	Panel or Tile Size and Type	Maximum Panel or Tile Thickness	Maximum Fixture Penetration (ft^2/100 ft^2)	Maximum Duct Penetration (in^2/100 ft^2)	Suspension Systems
CONCRETE FLOOR/CEILING ASSEMBLIES							
Concrete on Flat Cellular, Fluted, or Blend Deck							
3-Hour – Exposed Grid	A212 (200-3)	2-1/2"	48" x 48" ; PC 36" x 60" ; PC 30" x 60" ; PC	5/8"	25	158	1, 2
	D216	3-1/4"	24" x 24" to 30" x 60" ; P 24" x 24" to 36" x 60" or 48" x 48" ; PC	5/8" (P or PC)	24	576	1, 2
2-Hour – Exposed Grid	D216	2-1/2"	24" x 24" to 30" x 60" ; P 24" x 24" to 36" x 60" or 48" x 48" ; PC	5/8" (P or PC)	24	576	1, 2, 3
Concrete on Ribbed or Corrugated Deck							
3-Hour – Exposed Grid	G256	3-1/2"	24" x 24" ; P 24" x 48" ; P or PC	5/8" (P or PC)	24	255	1, 2
2-Hour – Exposed Grid	G256	2-1/2"	24" x 24" ; P 24" x 48" ; P or PC	5/8" (P or PC)	24	576	1, 2, 3
	G258	2-1/2"	24" x 24" ; P 24" x 48" ; P	5/8"	24	113	1, 2
	G214	2-3/4"	24" x 48" ; P 20" x 60" ; P	5/8"	17	57	1, 2
Concrete on Metal Lath, Ribbed, or Corrugated Deck							
3-Hour – Exposed Grid	G229 (232-3)	3-1/4"	24" x 48" ; P or PC	5/8"	20	576	1, 2
2-Hour – Concealed Grid	G022 (285-2)	2-1/2"	12" x 24" ; P	3/4"	16	57	4
2-Hour – Exposed Grid	G209 (46-2)	3"	24" x 48" ; P or PC 24" x 24" ; P or PC	5/8"	8	None	1, 2
	G244 (240-2)*	3"	24" x 48" ; P or PC 24" x 24" ; P or P 20" x 60" ; P or PC	5/8"	24*	576	1, 2, 3
	G210 (253-2)	2-1/2"	24" x 24" ; P	3/4"	24	113	1, 2
	G216 (74-2)	2-1/2"	24" x 48" ; P or PC 24" x 24" ; P	5/8"	8	None	1, 2
	G217 (53-2)	2-1/2"	24" x 48" ; P or PC 24" x 24" ; P or PC 20" x 60" ; P or PC	5/8"	8	57	1, 2
	G229 (324-2)	2-1/2"	24" x 48" ; P or PC 24" x 24" ; P or PC 20" x 60" ; P or PC	5/8"	20	576	1, 2, 3
	G242 (210-2)	2-1/2"	24" x 48" ; P or PC	5/8"	8	None	1, 2
2-Hour – Exposed Grid	G243 (230-2)*	2-1/2"	24" x 48"; P 24" x 24"; P 20" x 60"; P	5/8"	16	576	1, 2, 3
	G236 (21-2)	2-1/2"	24" x 48"; P 24" x 24"; P	5/8"	None	None	1, 2
	G250	2-1/2"	30" x 60"; P or PC 20" x 60"; P or PC 24" x 48"; P or PC 24" x 24"; P	5/8"	20	113	1, 2
1-Hour – Exposed Grid	G241 (32-1)	2"	24" x 48" ; P 24" x 24" ; P	5/8"	None	None	1, 2

NOTE: Numbers in parentheses are original UL design numbers.
Some unit sizes are no longer available as standard items; some designs include additional sizes.
* Allows flat-board fixture protection

WHAT YOU NEED TO KNOW TO USE THIS CHART

If you are unfamiliar with UL Fire Resistance Ratings, begin with a review of meeting Code Requirements, pg. 341.

As explained there, these ratings are applied to certain types of roof/ceiling and floor/ceiling construction assemblies, which are tested and assigned hourly ratings mandated by building codes or other building safety requirements.

Reminders:

1. UL tests rate an entire assembly. No ceiling or suspension system product alone constitutes a fire-rated assembly.
2. You can use only the specific type, size, and minimum thickness of Fire Guard™ ceilings or suspension system identified in each assembly.
3. This table is a guide.

(See UL Fire Resistance Directory for complete design details). To purchase a copy of the UL Directory:

Underwriters Laboratories, Inc.
Publications Stock
333 Pfingsten Rd.
Northbrook, IL 60062
(Tel.) 847-272-8800,
ext. 42612 or 42622

Key to Panel and Tile Types

PC = Ceramaguard®

P = All other products designated Fire Guard™ in this catalog

Key to Grid System Types

1 = AFG and FST 6000 – Prelude® Fire Guard™ and Prelude® XL® Fire Guard™ with steel cap

2 = AFG-A and FST 6000A – Prelude® Plus XL® Fire Guard™ and XL Fire Guard with aluminum cap

3 = FSLK – Suprafine® Fire Guard™ with steel cap

Deck Construction Type	UL Design Number	Concrete Thickness	Panel or Tile Size and Type	Maximum Panel or Tile Thickness	Maximum Fixture Penetration (ft^2/100 ft^2)	Maximum Duct Penetration (in^2/100 ft^2)	Suspension Systems
WOOD DECK/CEILING ASSEMBLIES							
Double-Plywood (or Plywood), 2' X 10' Wood Joists							
1-Hour – Exposed Grid	L209 (30-1)	NA	24" x 48"; P	5/8"	16	110	1, 2
	L210 (51-1)	NA	24" x 48"; P 24" x 24"; P	5/8"	24	227	1, 2, 3
Double-Plywood (or Plywood), 3' X 8' Wood Joists							
1-1/2-Hour – Exposed Grid	L208 (8-11⁄2)	NA	24" x 48"; P or PC 24" x 24"; P	5/8"	None	None	1, 2
ROOF/CEILING ASSEMBLIES							
Standing Seam Exposed Metal Roof							
1-1/2 + 1-Hour – Exposed Grid	P265***	See Design Details	24" x 48"; P or PC 24" x 24"; P or PC	3/4" (P) 5/8" (PC)	24	576	1
Lightweight Insulating Concrete on Ribbed or Corrugated Deck							
2-Hour – Exposed Grid	P215 (RC24-2)	2"	24" x 48"; PC plus 24" x 48"; Gypsum Bd.	5/8" (PC) plus 1/2" Gypsum Bd.	16	57	1, 2
	P219	2"	24" x 48"; PC plus 24" x 24"; Gypsum Bd.	5/8" (PC) plus 1/2" Gypsum Bd.	16	57	1, 2
	P251	2-3/4" Min. to 6-3/4"	24" x 48"; P or PC 24" x 24"; P or PC 20" x 60"; P or PC	5/8" (P or PC)	24	576	1, 2, 3
1-1/2 Hour – Exposed Grid	P231	3-3/8"	24" x 48", 24" x 24"; P 24" x 48"; Gypsum Bd.	5/8"	24	255	1, 2
1-Hour – Exposed Grid	P216 (RCB-1)*	2"	24" x 48"; P	5/8"	16	57	1, 2
Mineral-Fiber, Glass-Fiber, or Composite Roof Insulation on Fluted Metal Roof Deck							
		INSULATION THICKNESS					
1-1/2 Hour – Exposed Grid	P225	1" min. to unlimited max.	24" x 48"; P or PC 20" x 60"; P or PC	5/8"	24	255	1, 2
	P227	1" min. to unlimited max.	24" x 48"; P or PC	3/4" (P)	24	255	1, 2
	P250***	1" min. to unlimited max.	24" x 48"; P or PC 24" x 24"; P or PC	3/4" (P) 5/8" (PC)	24	113	1
1-Hour – Exposed Grid	P206 (RC16-1)	1" min. and max.	24" x 48"; P	5/8"	16	113	1, 2
	P210 (RC4-1)	1" min. and max.	24" x 48"; PC	5/8"	16	57	1, 2
	P211 (RC3-1)	1" min. to 2" max.	24" x 48"; PC	5/8"	16	57	1, 2
	P225	1" min. to unlimited max.	24" x 48"; P or PC 24" x 24"; P or PC 20" x 60"; P or PC	5/8" (P or PC)	24	576	1, 2, 3
	P227	1" min. to unlimited max.	24" x 48"; P or PC 24" x 24"; P or PC	5/8"	24	255	1, 2
	P250***	1" min. to unlimited max.	24" x 48"; P or PC 24" x 24"; P or PC	3/4" (P) 5/8" (PC)	24	576	1
Poured Gypsum Concrete Over 1/2" Gypsum Formboard							
1-1/2-Hour – Exposed Grid	P217 (RC6-1-1/2)	1-1/2"	24" x 60"; P	5/8"	16	288	1, 2
IRMA (Inverted Roof Membrane Assembly)							
1-Hour – Exposed Grid	R217 (UL Canada)	2" min. to unlimited max.	24" x 48" ; P or PC	5/8"	24	255	1, 2
FLOOR/CEILING DRYWALL ASSEMBLIES							
Concrete on Composite Flat Cellular, Fluted, or Blend Deck							
2-Hour	D501	2-1/2"	1	5/8"	None	None	DFR8000 DFR8000SS
	D502**	2-1/2"	1	5/8"	24	144	DFR8000 DFR8000SS
Concrete on Metal Lath, Corrugated, and Ribbed Deck							
3-Hour	G523	3"	1	5/8"	24	144	DFR8000
	G524	3-1/2"	1	1/2"	None	113	DFR8000
	G529	3-1/4"	1	1/2"	24	57	DFR8000
	G529	3-3/4"	1	5/8"	24	57	DFR8000
2-Hour	G523	2-1/2"	1	1/2"	24	144	DFR8000 DFR8000SS
	G524	2-1/2"	1	1/2"	None	113	DFR8000 DFR8000SS
	G526	2-1/2"	1	1/2"	25	56.5	DFR8000 DFR8000SS
	G527	2-1/2"	1	1/2"	None	None	DFR8000 DFR8000SS
	G527	2-1/2"	1	1/2"	24	57	DFR8000 DFR8000SS
1 1/2-Hour	G527	2-1/2"	1	1/2"	None	None	DFR8000 DFR8000SS
Concrete on Steel Deck							
2-Hour	G-553	1"	1	5/8"	None	None	DFR8000
1-Hour	G-553	1"	1	5/8"	None	None	DFR8000 DFR8000SS

* Allows flat-board fixture protection ** Concrete plus insulation *** Square-edge ceiling panels only

Fire Resistance Assembly Chart

Deck Construction Type	UL Design Number	Concrete Thickness	Minimum Number of Layers	Maximum Thickness of Layers	Maximum Fixture Penetration ft²/100 ft²	Maximum Duct Penetration (in²/100 ft²)	Suspension Systems
FLOOR/CEILING DRYWALL ASSEMBLIES (CONT.)							
Concrete on Composite Steel Joist							
2-Hour	G-531	3"	1	5/8"	144	20	DFR8000 DFR8000SS
1-1/2-Hour	G-531	3"	1	5/8"	144	20	DFR8000 DFR8000SS
1-Hour	G-531	3"	1	5/8"	144	20	DFR8000 DFR8000SS
Clark Dietrich C-Channel System							
2-Hour	G-553	1"	1	5/8"	None	None	DFR8000 DFR8000SS
	G-560	1"	1	5/8"	None	None	DFR8000
	G-566	2"	1	5/8"	None	None	DFR8000 DFR8000SS
	G-579	1"	1	5/8"	None	None	DFR8000 DFR8000SS
1-Hour	G-553	1"	1	5/8"	None	None	DFR8000 DFR8000SS
	G-560	1"	1	5/8"	None	None	DFR8000
	G-566	2"	1	5/8"	None	None	DFR8000 DFR8000SS
	G-579	1"	1	5/8"	None	None	DFR8000 DFR8000SS
Concrete on Steel Deck and Steel Joists							
3-Hour	G-561	2-1/2"	1	5/8"	144	144	DFR8000
2-Hour	G-561	2-1/2"	1	5/8"	144	144	DFR8000
1-1/2-Hour	G-561	2-1/2"	1	5/8"	144	144	DFR8000
1-Hour	G-561	2-1/2"	1	5/8"	144	144	DFR8000
WOOD DECK/CEILING DRYWALL ASSEMBLIES							
1-Hour	L502	NA	1	1/2"	None	None	DFR8000 DFR8000SS
	L513	NA	1	5/8"	None	None	DFR8000 DFR8000SS
	L515	NA	1	1/2"	None	None	DFR8000 DFR8000SS
	L525	NA	1	1/2"	24	57	DFR8000 DFR8000SS
	L526*	NA	1	5/8"	24	114	DFR8000 DFR8000SS
Plywood (2), 2 x 10 or (1) 4 x 10 Wood Joists							
1-Hour	L508	NA		5/8"	None	None	DFR8000 DFR8000SS
Plywood with Wood Trusses							
1-Hour	L529	NA		5/8"	24	57	DFR8000 DFR8000SS
Structual Cement – Fiber Units Over Steel Joists							
1-Hour	L-564	3/4"	1	5/8"	144	144	DFR8000 DFR8000SS
ROOF/CEILING DRYWALL ASSEMBLIES							
Standing Seam exposed Metal Roof with Batts/Blankets							
1-Hour	P516	NA	2	5/8"	None	None	DFR8000
Mineral Fiber Foam on Cellular, Fluted, Corrugated Metal Deck							
2-Hour	P514	NA	1	5/8"	24	255	DFR8000 DFR8000SS
1-1/2-Hour	P507	NA	1	5/8"	24	57	DFR8000 DFR8000SS
	P510	NA	1	5/8"	24	57	DFR8000 DFR8000SS
	P513*	NA	1	5/8"	24	144	DFR8000 DFR8000SS
1-Hour	P508*	NA	1	5/8"	24	144	DFR8000 DFR8000SS
	P509*	NA	1	5/8"	24	144	DFR8000 DFR8000SS
	P510	NA	1	1/2"	24	57	DFR8000 DFR8000SS
Mineral Fiber/Laminated Gypsum Planks							
1-1/2-Hour	P506	2"	1	5/8"	24	57	DFR8000 DFR8000SS

NOTE: Numbers in parentheses are original UL design numbers.
Some unit sizes are no longer available as standard items; some designs include additional sizes.

*Optional acoustical tile may be glue-applied to gypboard.
DFR8000 – UL designation, Fire Guard™ drywall grid system
DFR8000SS – UL designation, Fire Guard™ ShortSpan® drywall grid system



Seismic Compliance

In geographic seismic zones, properly engineered building structures need to be properly designed to withstand the seismic effects, while sustaining an acceptable level of damage. The International Building Code (IBC) presents minimum design/performance requirements and, in some instances, prescriptive guidance for product and installation requirements in seismic areas.
The purpose of this requirement is to:

- Provide a suspension system strong enough to resist lateral forces imposed upon it without failing
- Prevent border panels from falling from the ceiling plane

INSTALLATION REQUIREMENTS FOR SUSPENDED CEILINGS

IBC Requirements for Wall-to-Wall Ceiling Systems with Standard Acoustical Suspension Systems

IBC requirements are based on flat, level, suspended ceiling systems – main beams and cross tees suspended from the building structure by wires and wall molding around the perimeter.

- The IBC code is based on the suspension system only
- Many manufacturers market non-standard ceiling systems not covered by the code
- You must be able to prove that specified ceiling systems perform at a level consistent with the intent of the code

Installation Requirements for Clouds, Canopies, and Vertical Elements

Code officials may reject specified products such as clouds or canopies* during plan review, challenging your design and delaying the construction schedule.

However, the code "is not intended to prevent"[1] the installation of certain ceiling systems, and does allow "alternative materials, designs, and methods" to be used. To substantiate claims for alternative materials and designs, code officials "have the authority to require tests as evidence of compliance."[2] If you are having problems getting free-floating or non-traditional objects approved, contact your local Armstrong representative. See page 373 for a list of tested systems.

1. Section 104.11 Alternative materials, designs, and methods of construction and equipment.

2. Section 104.11.2 Tests.

*Armstrong defines a cloud as a ceiling that is not connected to a wall on any side. Armstrong defines a canopy as a single, unique architectural element which is independently suspended from the building structure.

Installation Requirements for Suspended Drywall Ceilings

The drywall grid components listed in ESR-1289 and ESR-2311, which represent a code-compliant system for suspended-ceiling-mounted drywall installations, meet ASTM C645 and are UL Fire Rated. Armstrong Drywall Grid Systems offer a labor- and cost-saving method of meeting seismic code without risk of delaying your construction schedule. Additional benefits of ESR-1289 and ESR-2311 are:

- Elimination of the lateral load design requirements (see ESR-1289, Section 4.4.1)
- Recognition and approval of DGS 6' cross tees (XL8965) and that 6' spacing of main beams reduces material, hanger wire, and installation time
- UL approval of XL8965 in fire-rated applications
- Recognition of fire-rated Type "F" cross tees – XL8947, XL8947P, XL8925, and XL8918
- Recognition and approval of ShortSpan® pre-engineered solution to support spans up to seven feet with no independent support

Seismic Rx® Suspension System

Armstrong has an International Code Council-Evaluation Service (ICC-ES) approach to installation evaluated by the entitled Evaluation Sevice Report (ESR-1308). The Armstrong Seismic Rx Suspension System eliminates unsightly 2" wall angles in Category D, E, F seismic-compliant installations. It provides a labor- and cost-saving method of meeting seismic codes without the risk of delaying the construction schedule.



ICC Evaluated Heavy-duty Suspension Systems ESR-1308

- Prelude® XL® 15/16" Exposed Tee suspension system
- Suprafine® XL® 9/16" Exposed Tee suspension system
- Silhouette® XL® 9/16" Slotted Tee suspension system
- Interlude® XL® 9/16" Exposed Tee suspension system

2" wall angles are prone to the following problems:

- Difficult to keep "tight" to wall
- Difficult to install corners
- Prone to twisting and warping





ESR-1308 Lists Specific Armstrong Components and Method of Installation

The performance of the Armstrong Seismic Rx Suspension System is based on the specific combination of components and method of installation. **Other manufacturers' components and installation methods were not tested, and are not covered in the ESR-1308 evaluation. Substitution of other components puts the system at risk and is not allowed by this ESR report.**



For more information and code-related web site information, refer to our brochure: "WHAT YOU NEED TO KNOW Code Requirements Seismic Rx® Tested Solutions" BPCS-4141

DEF

This Icon is used throughout this catalog to identify **Armstrong products approved for use in seismic zones.**



Seismic Compliance

Providing a valid Evaluation Service Report (ESR) to a code official represents the "gold standard" for installations. The ESR represents the safest, least risky method for selecting a seismic ceiling solution. Armstrong has also tested products that do not appear in ESR reports, as many products do not have clear code requirements. Armstrong can provide you with seismic test results via a white paper or test report based on large-scale seismic shake table test results from an IAS accredited test facility (State University of New York, University at Buffalo). Contact TechLine℠ at 1 877 ARMSTRONG (276-7876), techline@armstrong.com

Armstrong is one of the only ceiling manufacturers consistently providing seismic test results for all types of installations: Wall-to-Wall Ceilings, Canopies, Clouds, Vertical Elements, and Drywall Grid Systems.

When requesting a white paper or test report, please have this information ready to share:

- Project Name
- Location
- Product
- Installing Customer Contact
- Design Professional Contact

SEISMIC TESTED SYSTEMS

Product	Installation Detail
Axiom® Building Perimeters	Perimeter Pocket with Horizontal Diffuser Perimeter Pocket with Vertical Diffuser
Canopies	Capz™ Infusions® Hills & Valleys Infusions (Grouped) MetalWorks™ Canopies MetalWorks Wings Optima® Canopies SoundScapes® Canopies WoodWorks® Canopies
Clouds and Vertical Elements	72" x 72", 144" x 144", and 168" x 168" Formations™ – Planks 12" Axiom Floating 2-sides with Prelude® XL® ID 12" Axiom Floating Cloud with Prelude XL ID 6" Axiom Floating 2-sides with Prelude XL ID 6" Axiom Floating Cloud with Prelude XL ID 16" Axiom Trim Infusions® Blades™ Infusions Shapes Formations Curves & with Integrated Lighting MetalWorks™ Blades™ Serpentina® Classic Serpentina® Vault Serpentina® Waves™ SoundScapes® Blades™ SoundScapes Shapes
Corridors	Acoustical Locking Angle Molding with 8" and 12" Gusset Acoustical Locking Angle Molding with Fiberglass Panels Acoustical Locking Angle Molding with Mineral Fiber Panels ShortSpan® Corridor System with Gusset SingleSpan™ Acoustical Corridor Suspension System
Drywall Systems	6' DGS Tees Drywall Grid System QuikStix™ Locking Pocket Main ShortSpan 14' ShortSpan 6' QuikStix Soffits
MetalWorks	DH700 Faceted Tegular and Vector® Fastrack 3", 6", and 12" Flush Tegular on Prelude XL Linear Curved and Flat Open Cell 4" and 8" Planks RH200 RH200 Cantilevered Curved RH215 Curved RH215 Clip-on Square Tegular on Prelude XL Standard Planks Tartan 3" Tartan 6" with Mega Panels and Planks Torsion Spring Vector on Prelude 15/16" suspension system Wings

Product	Installation Detail
Seismic	Category C Installation per Code Category D, E & F Installation per Code Seismic Corridor with 8" Gusset Seismic Corridor with 12" Gusset Seismic Joint Clip Main Beam (SJMR15) Fully Loaded Seismic Joint Clip Main Beam (SJMR9) Fully Loaded Seismic Joint Main Beam Splice Seismic Separation Joint on Prelude® XL® Seismic Separation Joint on Suprafine® XL® STAC – Single Tee Adapter Clip
Seismic Rx®	BERC2 45-degrees to the Wall on Prelude XL BERC2 Fully Loaded on Prelude XL BERC2 on 7897 Shadow Molding with Ultima® Vector® Panels BERC2 on Interlude® XL® HRC BERC2 on Interlude XL HRC with Lights & Sprinklers BERC2 on Silhouette® XL® with Diffusers & Sprinklers BERC2 with Prelude XL Intermediate-duty BERC2 with Suprafine XL ALBERC2 Prelude XL – Alternate Category C
Standard T-Bar Suspension System	DC FlexZone™ Fully Loaded Metaphors® Optima Radial Ceiling Optima® Vector® Optima Vector 24" x 96" Planks Optima Vector 48" x 48" Panels Prelude XL Fire Rated Prelude XL Intermediate-duty Prelude XL to Black Iron NYC Prelude® XL Max® Shiplap Full Room Silhouette XL with Shadow Molding Sloped Ceiling Suprafine XL Installation per Code TechZone® Ceiling Systems Ultima® Beveled Tegular Ultima Vector
WoodWorks®	Access™ Canopies Grille Linear Curved Linear Flat Tegular on Prelude XL Vector on Prelude XL
Other	Capz Altitudes™ Torsion Spring Axiom Transitions Axiom Glazing Channel Axiom Light Coves XAL LENO with Lighting Connector Bracket

CEILINGS

Item Number Index

FastSize™ Items Availability indicated on product pages.

Service Category	Service Level	Availability	Details
Made-To-Stock Items (bold face type)	A	5-10 days	Item numbers noted in BOLD on this index
Made-To-Order Items (not inventoried)	C	20-30 days	–
Special Made-To-Order Items (not inventoried)	S	30 days plus	Minimum quantities and setup charges apply
Metric Items	–	30 days plus	Minimum quantities apply

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Made-To-Order Items (not inventoried)	C	20-30 days	–
Special Made-To-Order Items (not inventoried)	S	30 days plus	Minimum quantities and setup charges apply
Metric Items	–	30 days plus	Minimum quantities apply

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5337	**100 pcs**	**88**
533HRC	48	159-160
534	**40**	**161-164**
5342	**6 pcs**	**100**
5344	**6 pcs**	**100**
5346	**6 pcs**	**100**
535	**48**	**161-164**
535HRC	48	161-164
5376	Bulk	36
5377	Bulk	36
538	**40**	**161-164**
539	**48**	**161-164**
5396	Bulk	90
5398	Bulk	90
539HRC	48	161-164, 269-270
5401W1	16	115-116
5401W2	16	115-116
5401W3	16	115-116
5401W4	16	115-116
5401W5	16	115-116
5401W6	16	115-116
5403W1	16	115-116
5403W2	16	115-116
5403W3	16	115-116
5403W4	16	115-116
5403W5	16	115-116
5403W6	16	115-116
5404W1	16	115-116
5404W2	16	115-116
5404W3	16	115-116
5404W4	16	115-116
5404W5	16	115-116
5404W6	16	115-116
54051	10	31-32
54052	20	31-32
54061	12	31-32
54062	24	31-32
5406W1	4	115-116, 251-257
5406W2	4	115-116, 251-257
5406W3	4	115-116
5406W4	4	115-116
5406W5	4	115-116
5406W6	4	115-116
54101	40	31-32
54102	80	31-32
5415W1	16	135
5419W1	32	135
5440	**16**	**47-48**
5441	**16**	**47-48**
5442	**16**	**47-48**
5443	**16**	**47-48**
5444	**16**	**47-48**
5445	**16**	**47-48**
5448	24	47-48
5449	32	47-48
5450		**48**
5451		**48**
5453		**48**
5455		**48**
5479	**48**	**100, 122, 136**
5487	**16**	**16**
5488P1WH	32	89-90
5488P4WH	32	89-90
5490	435	81-82
5491	53	81-82
5492	435	81-82
5493	53	81-82
5494	Bulk	82
5495	Bulk	82
5496	Bulk	82
5497	Bulk	82
5498	Bulk	82
5499	Bulk	82
551	48	161-164
556	**40**	**161-164**
557	**48**	**165-166**
5570	48	81-82
5571	48	81-82
5572	Bulk	81-82
5574	Bulk	81-82
558	**40**	**161-164**
5580	20 pcs	82
5581	Bulk	81-82
5582	Bulk	81-82
5583	Bulk	81-82
5588		**48**
5594	Bulk	90
5596	100 pcs	90
5597	1 pc	90
5598	100 pcs	90
5600	Bulk	101
56001B1	4 or 8	95-96
56001B3	4 or 8	95-96
56002B1	4 or 8	95-96
56002B3	4 or 8	95-96
56003B1	4 or 8	95-96
56003B3	4 or 8	95-96
56004B1	4 or 8	95-96
56004B3	4 or 8	95-96
56005B1	4 or 8	95-96
56005B3	4 or 8	95-96
56006B1	4 or 8	95-96
56006B3	4 or 8	95-96
56007B1	4 or 8	95-96
56007B3	4 or 8	95-96
56008B1	4 or 8	95-96
56008B3	4 or 8	95-96
56009B1	4 or 8	95-96
56009B3	4 or 8	95-96
56051	Bulk	101
56052	Bulk	101
56053	Bulk	101
56054	Bulk	101
56055	Bulk	101
56056	Bulk	101
563	**40**	**159-160**
5635	16	47-48
5636	16	47-48
565	48	159-160
5650	Bulk	90
5659W1	60	135
5660W1	60	135
5671	Bulk	124
5672	Bulk	124
5673	**Bulk**	**124**
5674	Bulk	124
5675	Bulk	124
568	48	161-164
5687	**250 pcs**	**124**
5688	**250 pcs**	**124**
572	**40**	**161-164**
5725	**20**	**207-208**
5726	**20**	**207-208**
5727	**20**	**207-208**
5728	**20**	**207-208**
5729	**20**	**207-208**
574	48	159-160
574HRC	48	159-160
576	**40**	**161-164**
577	48	161-164
578	48	161-164
5790	**10 pcs**	**218, 240**
5791	**10 pcs**	**218, 240**
5792	**10 pcs**	**218, 240**
5793	**10 pcs**	**218, 240**
581	48	161-164
5823	**12 pcs**	**78, 80, 92, 94, 98, 100, 122, 134, 136**
583	48	161-164
584	**48**	**161-164**
5843	100 pcs	132
5846	6 pcs	35
5847	3 pcs	35
584HRC	48	161-164
585	**48**	**165-166**
589	**48**	**161-164**
589HRC	48	161-164, 269-270
590	**48**	**165-166**
5900CW7	3.7	121-122
5900CW8	3.7	121-122
5900CW9	3.6	121-122
5901CW7	4.63	121-122
5901CW8	4.63	121-122
5901CW9	4.49	121-122
5903W7	16	117-118
5903W8	16	117-118
5903W9	16	117-118
5904W7	16	117-118
5904W8	16	117-118
5904W9	16	117-118
5908	**10**	**35**
591	**48**	**165-166**
5911	24	143-146
5912	24	143-146
5913	24	143-146
5914	16	143-146
5915	16	143-146
5917P1	**40**	**35**
5917P2	**40**	**35**
5918W1	Bulk	49
5918W3	Bulk	49
5919W1	Bulk	49
5919W3	Bulk	49
5920W1	Bulk	49
5920W3	Bulk	49
5921W1	Bulk	49
5921W3	Bulk	49
5922	24	143-146
5927P1	80	35
5927P2	80	35
5944	10	35
5945	N/A	35
5948	**30 pcs**	**132**
5965P1	8 pcs	90
5965P4	8 pcs	90
5976	Bulk	143-146
5978	Bulk	143-146
5979W1	Bulk	49
5983	8	121-123
5984	12	121-123
5985	16	121-123
5986	**50 pcs**	**121-123, 130**
605	**48**	**157-158**
607	**48**	**157-158**
6075H/V	Bulk	37-38
608	**48**	**157-158**
6091	**50 pcs**	**136**
6096	**95.57**	**101**
6098	**98.95**	**76, 101**
6099	**97.14**	**101**
6128AM	Bulk	83-84
6129AM	Bulk	83-84
6131AM	Bulk	83-84
6132AM	Bulk	83-84
6133AM	Bulk	83-84
6136AM	Bulk	83-84
6137AM	Bulk	83-84
6138AM	Bulk	83-84
6139AM	Bulk	83-84
615H/V	Bulk	37-38
6188	**40**	**85-86**
6189	**40**	**85-86**
6193	**40**	**85-86**
6194	**40**	**85-86**
6225H/V	Bulk	37-38
625530	**4 pcs**	**34, 46**
6258	Bulk	46
6259	Bulk	46
626	**48**	**165-166**
6260	Bulk	46
6261	Bulk	46
628	**48**	**165-166**
630H/V	Bulk	37-38
6351	Bulk	82
6375H/V	Bulk	37-38
6408	**25**	**122, 130, 135**
6410AM	Bulk	83-84
6411AM	Bulk	83-84
6412AM	Bulk	83-84
6413AM	Bulk	83-84
6414AM	Bulk	83-84
6415AM	Bulk	83-84
6416AM	Bulk	83-84
6417AM	Bulk	83-84
6418AM	Bulk	83-84
6440W1	Bulk	131-132
6447W1	22.5	207-208
6448M1	22.5	207-208
6448M2	22.5	207-208
6459	**25 pcs**	**124**
6459BL	**25 pcs**	**132, 136**
645H/V	Bulk	37-38
6460W1	Bulk	131-132
6461	64	73-74
6462	**64**	**73-74**
6463	64	73-74
6464	64	73-74
6465	64	73-74
6466M1	25 pcs	75-76
6466M2	25 pcs	75-76
6466M3	25 pcs	75-76
64780M10	Bulk	16
64790M10	Bulk	16
6480	4	115-116
6482	8	115-116
6484	4	115-116, 251-257
6485	6	115-116
6486	8	115-116, 251-257
6487	12	115-116
64901M10	Bulk	16
64902M10	Bulk	16
64910M10	Bulk	16
64920M10	Bulk	16
64930M10	Bulk	16
64940M10	Bulk	16
6510	Bulk	115-116, 251-257
6511	Bulk	115-116, 251-257
6512	Bulk	115-116, 251-257
6513	Bulk	251-257
6514	Bulk	251-257
6519	Bulk	251-257
6525H/V	Bulk	37-38
6541	13.5	207-208
6603W1	60	122, 135
6605	Bulk	61-62
6606	Bulk	61-62
6607	Bulk	61-62
660H/V	Bulk	37-38
6610	80	35
6611	40	35
6613	22.5	207-208
6614	22.5	207-208
6615	22.5	207-208
6616	22.5	207-208
6622	Bulk	133-134
6623	Bulk	133-134
6624	Bulk	133-134
6625	Bulk	133-134
6626	Bulk	133-134
662808	Bulk	125-126
662812	Bulk	125-126
662912	Bulk	125-126
663008	Bulk	125-126
663012	Bulk	125-126
663112	Bulk	125-126
66331WH	**16**	**45**
66334WH	64	45
66341WH	**32**	**45**
66344WH	**128**	**45**
66351WH	**24**	**45**
66352WH	**48**	**45**
6640W1	Bulk	131-132
6641	Bulk	253-257
6642	Bulk	253-257
6643	Bulk	
6644	Bulk	253-257
6645	Bulk	253-257
6646	Bulk	253-257
6647M1	Bulk	253-257
6648M1	Bulk	253-257
6649M1	Bulk	253-257

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CEILING PRODUCTS ◆ SF per carton unless otherwise noted

Packaging information is subject to change. Before specifying or ordering, contact TechLine at 1 877 ARMSTRONG (276-7876).

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6650M1	Bulk	253-257
6656M1	6 pcs	79-80
6657	**12 pcs**	**136**
6660W1	Bulk	131-132
6661B1L5	4	95-96
6662B1L5	4	95-96
6664	Bulk	79-80
6665	Bulk	79-80
6666	Bulk	79-80
6667	Bulk	79-80
6668	Bulk	79-80
6680	Bulk	117-118
6681	Bulk	117-118
6682	Bulk	117-118
6683	Bulk	117-118
6684	Bulk	117-118
6685	Bulk	117-118
6686	Bulk	117-118
6687	Bulk	117-118
6688C	Bulk	119-120
6689C	Bulk	119-120
6690W1	Bulk	129-130
6691W1	Bulk	129-130
6692W1	Bulk	129-130
6693W1	Bulk	127-128
6694W1	Bulk	127-128
672	**96**	**195-196**
673	**64**	**195-196**
675H/V	Bulk	37-38
680	**48**	**205-206**
681	**48**	**205-206**
682	**48**	**205-206**
683	64	205-206
684	64	205-206
685	64	205-206
686	**48**	**205-206**
687	**48**	**205-206**
688	64	205-206
690H/V	Bulk	37-38
6STR	Bulk	37-38
7006	**2 pcs**	**34, 36, 46**
703	**80**	**173-174**
704	**64**	**173-174**
705	**64**	**190**
7085	8 pcs	53-54
7086	8 pcs	53-54
7087	16 pcs	53-54
7088	Bulk	55-56
7089	Bulk	55-56
7090	Bulk	55-56
7110	Bulk	77-78
7111	Bulk	77-78
7112	10 pcs	78
7113	40 pcs	78
7119	1 pc	78
7120	1 pc	78
7123	**300 pcs**	**122**
7125	6 pcs	92, 98, 100
7131	6 pcs	98, 100
7140	Bulk	77-78
7141	Bulk	77-78
7146	Bulk	135
7147	**6 pcs**	**98, 100**
7154	Bulk	77-78
7155	Bulk	77-78
7156	Bulk	33-34
7157	Bulk	33-34
7158	Bulk	33-34
7159	Bulk	33-34
7160	Bulk	81-82
7161	Bulk	81-82
7162	Bulk	81-82
7163	50 pcs	82
7164	10 pcs	82
7165	50 pcs	82
7166	50 pcs	82
7170		124
7171		124
7172		124
7173		124
7174		124
7175		124
7201	Bulk	57-58
7202	Bulk	57-58
7203	Bulk	57-58
7209	Bulk	97-98
7210	Bulk	97-98
7211	Bulk	97-98
7212	Bulk	97-98
7213	Bulk	97-98
7215	Bulk	91-92
7216	Bulk	91-92
7217	Bulk	91-92
7219	Bulk	91-92
7220	Bulk	93-94
7220DN1	Bulk	93-94
7220DN2	Bulk	93-94
7220DN3	Bulk	93-94
7220DN4	Bulk	93-94
7220UP1	Bulk	93-94
7220UP2	Bulk	93-94
7220UP3	Bulk	93-94
7220UP4	Bulk	93-94
7223	10 pcs	78
7225	Bulk	97-98
7226	Bulk	97-98
7251M1	Bulk	251-257
7252M1	Bulk	251-257
7255M1	Bulk	251-257
7256M1	Bulk	251-257
7257M1	Bulk	251-257
7258M1	Bulk	251-257
7259M1	Bulk	251-257
7260M1	Bulk	251-257
7261M1	Bulk	251-257
7262M1	Bulk	251-257
7263	Bulk	123-124
7264	Bulk	123-124
7265	Bulk	123-124
7266	Bulk	123-124
734	80	178
735	64	178
737	64	178
741	**40**	**182**
746	**40**	**182**
747	64	94, 173-174
755	**96**	**190**
756	**64**	**190**
763	**96**	**191-192**
764	**64**	**191-192**
769	**96**	**173-174**
770	**64**	**100, 173-174**
772	**100**	**173-174**
773	**100**	**173-174**
791	75	191-192
793	**96**	**191-192**
794	**64**	**191-192**
795	**64**	**191-192, 227-228**
796	**48**	**191-192, 227-228**
8005	48	193-194
8006	48	193-194
8007	48	193-194
8008	**48**	**229-230**
8009	**32**	**229-230**
8010	**32**	**229-230**
8011	**48**	**197-198**
8013	**48**	**197-198**
8075H/V	Bulk	37-38
815	**48**	**37-38, 173-174, 190**
815H/V	Bulk	37-38
8200100	**12 pcs**	**78, 80, 90, 92, 94, 98, 100, 122, 136**
8225H/V	Bulk	37-38
823	**64**	**173-174**
824	**64**	**173-174**
830H/V	Bulk	37-38
8334	16	199-200, 251-257
8335	20	199-200, 251-257
8336	24	199-200, 251-257
8337	30	199-200, 251-257
8344	16	201-204, 251-257
8345	20	201-204, 251-257
8346	24	201-204, 251-257
8347	30	201-204, 251-257
8352	**96**	**201-204, 251-257**
8355	96	201-204, 251-257
8356	96	201-204
8357	**96**	**201-204, 251-257**
8359	75	201-204, 251-257
8360	**96**	**201-204, 251-257**
8361	**96**	**201-204, 251-257**
8365	100	201-204, 251-257
8370	96	199-200
8372	**96**	**199-200**
8373	**96**	**199-200**
8375H/V	Bulk	37-38
8376	75	201-204
8377	48	201-204, 251-257
8379	48	201-204
8381	72	201-204, 251-257
8382	96	201-204, 251-257
8385	100	201-204, 251-257
84008	**1pc**	**76, 101**
8450	72	199-200
8452	75	199-200
8453	100	199-200
8456	96	253-257
845H/V	Bulk	37-38
8461	70	201-204, 251-257
8462	112	201-204, 251-257
8463	117	201-204, 251-257
8466	70	201-204, 251-257
8525H/V	Bulk	37-38
8534	75	208A-208B
8535	72	208A-208B
8536	96	208A-208B
8537	96	208A-208B
8538	64	208A-208B
8539	64	208A-208B
860	**64**	**154**
860H/V	Bulk	37-38
861	**64**	**154**
868	**48**	**171-172**
869	48	171-172
870	**64**	**171-172**
871	64	171-172
8730	20	201-204, 251-257
8731	20	201-204, 251-257
8732	20	199-200
875H/V	Bulk	37-38
890H/V	Bulk	37-38
895	**64**	**190**
896	**64**	**190**
898	**64**	**191-192**
8STR	Bulk	37-38
FHDC	**10 pcs**	**101**
FXS4SPLICE	10 pcs	80, 101, 136
FXSPLICE	10 pcs	101, 136
FXSPTHDC	10 pcs	76, 101
FXTBC	10 pcs	80, 101, 136
FXVTBC	10 pcs	101, 136
S295	48	169-170
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S401	8	169-170
S410	8	169-170
S411	8	169-170
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S413	8	169-170
S414	8	169-170
S420	8	169-170
S421	8	169-170
S450	8	169-170
S451	8	169-170
S460	8	169-170
S461	8	169-170
S462	8	169-170
S463	8	169-170
S464	8	169-170
S470	8	169-170
S471	8	169-170
S500	8	169-170
S501	8	169-170
S502	8	169-170
S503	8	169-170
S510	8	169-170
S512	8	169-170
S550	8	169-170
S551	8	169-170
S552	8	169-170
S553	8	169-170
S560	8	169-170
S562	8	169-170
S600	8	169-170
S601	8	169-170
S602	8	169-170
S603	8	169-170
S604	8	169-170
S605	8	169-170
S650	8	169-170
S651	8	169-170
S652	8	169-170
S653	8	169-170
S654	8	169-170
S655	8	169-170
S700	8	169-170
S701	8	169-170
S702	8	169-170
S703	8	169-170
S704	8	169-170
S705	8	169-170
S706	8	169-170
S707	8	169-170
S708	8	169-170
S750	8	169-170
S751	8	169-170
S752	8	169-170
S753	8	169-170
S754	8	169-170
S755	8	169-170
S756	8	169-170
S757	8	169-170
S758	8	169-170
S800	8	169-170
S801	8	169-170
S802	8	169-170
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S804	8	169-170
S805	8	169-170
S850	8	169-170
S851	8	169-170
S852	8	169-170
S853	8	169-170
S854	8	169-170
S855	8	169-170
SH300404	1 kit	41-44
SH300406	1 kit	41-44
SH300408	1 kit	41-44
SH300410	1 kit	41-44
SH300412	1 kit	41-44
SH300604	1 kit	41-44
SH300606	1 kit	41-44
SH300608	1 kit	41-44
SH300610	1 kit	41-44
SH300612	1 kit	41-44
SH300804	1 kit	41-44
SH300806	1 kit	41-44
SH300808	1 kit	41-44
SH300810	1 kit	41-44
SH300812	1 kit	41-44
SH301004	1 kit	41-44
SH301006	1 kit	41-44
SH301008	1 kit	41-44
SH301010	1 kit	41-44
SH301012	1 kit	41-44
SH301204	1 kit	41-44
SH301206	1 kit	41-44
SH301208	1 kit	41-44
SH301210	1 kit	41-44
SH301212	1 kit	41-44
SH450404	1 kit	41-44
SH450406	1 kit	41-44
SH450408	1 kit	41-44
SH450410	1 kit	41-44
SH450412	1 kit	41-44
SH450604	1 kit	41-44
SH450606	1 kit	41-44
SH450608	1 kit	41-44
SH450610	1 kit	41-44
SH450612	1 kit	41-44
SH450804	1 kit	41-44
SH450806	1 kit	41-44
SH450808	1 kit	41-44
SH450810	1 kit	41-44
SH450812	1 kit	41-44
SH451004	1 kit	41-44
SH451006	1 kit	41-44
SH451008	1 kit	41-44
SH451010	1 kit	41-44
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FastSize™ Items Availability indicated on product pages.

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Made-To-Stock Items (bold face type)	A	5-10 days	Item numbers noted in BOLD on this index
Made-To-Order Items (not inventoried)	C	20-30 days	–
Special Made-To-Order Items (not inventoried)	S	30 days plus	Minimum quantities and setup charges apply
Metric Items	–	30 days plus	Minimum quantities apply

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Made-To-Stock Items (bold face type)	A	5-10 days	Item numbers noted in BOLD on this index
Made-To-Order Items (not inventoried)	C	20-30 days	–
Special Made-To-Order Items (not inventoried)	S	30 days plus	Minimum quantities and setup charges apply
Metric Items	–	30 days plus	Minimum quantities apply

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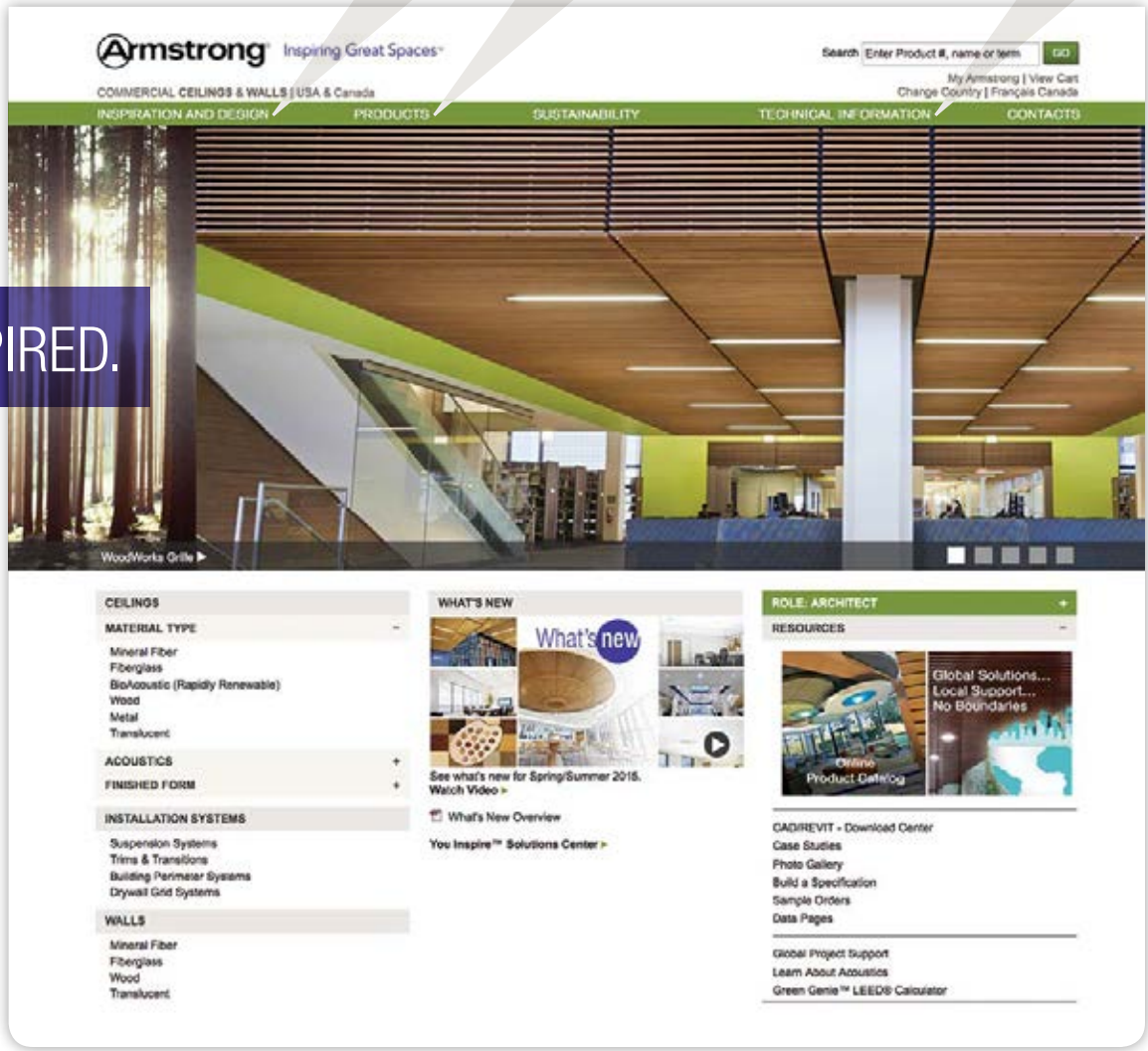
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