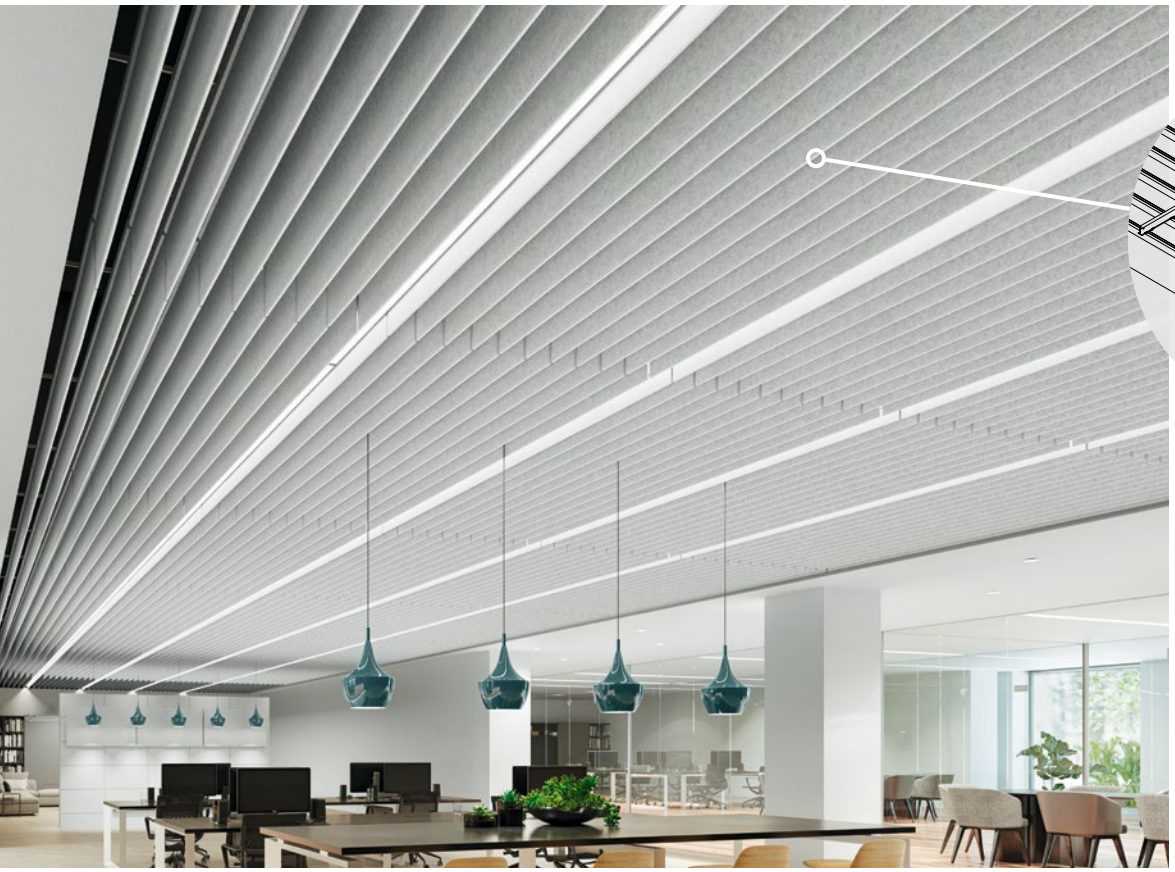
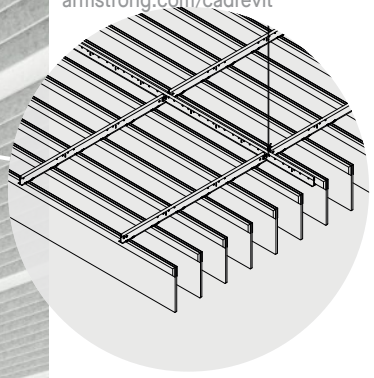
FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels –
Reinforced Rectangular

SUSTAIN•
High Performance
Sustainable
Ceiling Systems



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



For alternative colors and designs tailored to your projects, visit turf.design



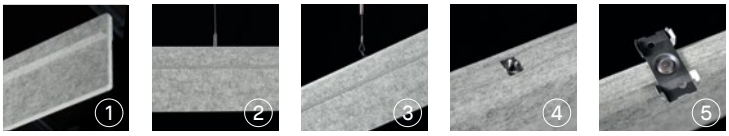
FeltWorks® Blades – VarAffix® 10" × 120" blades in Bedrock (FBR), installed directly to 15/16" grid

Reinforced rectangular blades add structural integrity with threaded connectors for installation versatility and design flexibility.

KEY SELECTION ATTRIBUTES

- Blades are reinforced at the top for enhanced structural integrity, and come in 12 new standard neutral colors
- Standard 10' long blade option allows for better linear runs, minimizing seams in large installations
- Mix standard lengths and depths for dynamic visuals
- 3/8" thick blades provide a sleek linear visual
- Soft visual, quieter acoustics
- Sound absorption up to 0.85 NRC dependent on blade depth and spacing
- Pair with Calla® ceiling panels to get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics
- Embedded threaded connector for installation versatility including cable-to-deck independent suspension, threaded rod, and direct to 15/16" grid
- Independent suspension now allows for sloped installations
- Great retrofit solution
- ASTM E84 Class A Fire Performance
- Made from 60% pre-consumer recycled PET fibers
- Part of the Sustain® portfolio, and meets the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

DETAILS



1. Reinforced blade
2. Independent suspension installation
3. Angled independent suspension installation
4. Embedded threaded connector
5. Threaded Grid Clip

FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels –
Reinforced Rectangular



FeltWorks® Blades – VarAffix® 12" × 120" blades in Steel, independently suspended

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

Graphite (FGH)	Steel (FST)	Bedrock (FBR)	Frost (FFS)	Ecru (FEC)	Sand (FSD)	Coconut (FCT)	Drift (FDR)
Oxford (FOX)	Tide (FTI)	Mist (FMI)	Grove (FGO)	Mesa (FME)	Poppy (FPY)	Harvest (FHV)	

FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels – Reinforced Rectangular

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT UP TO 60%

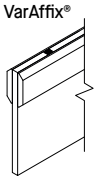
LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

	Item No.◆	Description	Nominal Dimension (D × L × Thickness)	Threaded Connectors	Fire Rating	Light Reflect (Frost only)	Certified Low VOC Emissions	CleanAssure™ DURABILITY Disinfectable Panels: Spray	Impact	Scratch
FELTWORKS® Blades – VarAffix® 	6370RCE0004_ _ _	Reinforced Rectangular Panel	6 × 48 × 3/8"	2 per panel	Class A	0.79 •		•	•	•
	6370RCE0009_ _ _	Reinforced Rectangular Panel	8 × 48 × 3/8"	2 per panel	Class A	0.79 •		•	•	•
	6370RCE0013_ _ _	Reinforced Rectangular Panel	10 × 48 × 3/8"	2 per panel	Class A	0.79 •		•	•	•
	6370RCE0017_ _ _	Reinforced Rectangular Panel	12 × 48 × 3/8"	2 per panel	Class A	0.79 •		•	•	•
	6370RCE0007_ _ _	Reinforced Rectangular Panel	6 × 72 × 3/8"	3 per panel	Class A	0.79 •		•	•	•
	6370RCE0010_ _ _	Reinforced Rectangular Panel	8 × 72 × 3/8"	3 per panel	Class A	0.79 •		•	•	•
	6370RCE0014_ _ _	Reinforced Rectangular Panel	10 × 72 × 3/8"	3 per panel	Class A	0.79 •		•	•	•
	6370RCE0018_ _ _	Reinforced Rectangular Panel	12 × 72 × 3/8"	3 per panel	Class A	0.79 •		•	•	•
	6370RCE0001_ _ _	Reinforced Rectangular Panel	6 × 96 × 3/8"	4 per panel	Class A	0.79 •		•	•	•
	6370RCE0011_ _ _	Reinforced Rectangular Panel	8 × 96 × 3/8"	4 per panel	Class A	0.79 •		•	•	•
	6370RCE0015_ _ _	Reinforced Rectangular Panel	10 × 96 × 3/8"	4 per panel	Class A	0.79 •		•	•	•
	6370RCE0019_ _ _	Reinforced Rectangular Panel	12 × 96 × 3/8"	4 per panel	Class A	0.79 •		•	•	•
	6370RCE0008_ _ _	Reinforced Rectangular Panel	6 × 120 × 3/8"	5 per panel	Class A	0.79 •		•	•	•
	6370RCE0012_ _ _	Reinforced Rectangular Panel	8 × 120 × 3/8"	5 per panel	Class A	0.79 •		•	•	•
	6370RCE0016_ _ _	Reinforced Rectangular Panel	10 × 120 × 3/8"	5 per panel	Class A	0.79 •		•	•	•
	6370RCE0020_ _ _	Reinforced Rectangular Panel	12 × 120 × 3/8"	5 per panel	Class A	0.79 •		•	•	•

◆ When specifying or ordering, include the appropriate 3-digit color suffix (e.g. 6370RCE008 F B R)
Suspension Systems sold separately. See Installation Accessories for specific item numbers.

ACOUSTIC INFORMATION

Panel Depth	NRC 6" O.C.	NRC 12" O.C.	NRC 18" O.C.	NRC 24" O.C.
6"	0.55	0.40	0.30	0.25
8"	0.65	0.50	0.35	0.30
10"	0.75 •	0.55	0.45	0.40
12"	0.85 •	0.65	0.55	0.45

NOTE: Tested per ASTM C423 without infill panels. Spacing of blades, blade depth, and acoustical infill panels will impact acoustical performance. Contact TechLine for a custom reverberation time report at techline@armstrong.com

Dots represent high level of performance.

Infill Panel Item No.	NRC	+	CAC	=	Total Acoustics[1] NRC + CAC
2821BK	0.85 •		35 •		BEST
1319	0.75		30		N/A

[1] Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking 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 NUMBER KEY

6370 RCE 0007 FIR

- 6370: Item: FeltWorks® Blades – VarAffix™
- RCE: Hardware: Rectangular Embedded
- 0007: Size: 6" x 72"
- FIR: Color: Iron

TechLine 877 276-7876
armstrong.com/varaffix

Armstrong® World Industries

FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels –
Reinforced Rectangular

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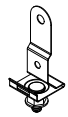
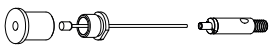
Declare.

RECYCLED CONTENT
UP TO 60%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

ACCESSORIES

	Item No.◆	Description	Dimensions Nominal W × L × H (inches)	Color	Quantity	
Direct-to-Grid Suspension Systems	**7300BL**	Prelude® XL® 12' ID Main Beam	15/16 × 144 × 1-11/16"	Black	20 pieces/carton	
	7301BL	Prelude XL 12' HD Main Beam	15/16 × 144 × 1-11/16"	Black	20 pieces / carton	
	XL7341BL	Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	Black	60 pieces/carton	
	7891	12-gauge Hanger Wire	N/A	N/A	140 pieces/carton	
	7800	12' Hemmed Angle Molding	7/8 × 144 × 7/8"	Based on Design	30 pieces/carton	
	6701 _ _	FeltWorks VarAffix Grid-Attach Stud	N/A	Mill Finish (SS), Black (BL), White (WH)	80 pieces/bucket	
	6701GAC002_ _	FeltWorks VarAffix Grid Clip	N/A	Mill Finish (SS), Black (BL), White (WH)	40 pieces/pail	
Floating Perimeter Trim	**AX_STR_ _ _**	Axiom® Classic Straight Trim	Based on Design	Based on Design	10 LF	
	7239	Adjustable Trim Clip	N/A	Mill Finish	50 pieces/carton	
Independent Suspension	**5450**	Cable Suspension Kit (2 Connection Points)	N/A	Mill Finish	2 connection points/bag	
	625530	Extended Hanging Cables (30' Aircraft Cable)	N/A	Mill Finish	4 pieces/bag	
	7121	Angled Hanging Adaptor (60° maximum angle) – Extends from the end of Cable Suspension Kit (5450)	N/A	Mill Finish	2 pieces/bag	
Acoustical Infill Panels	**1319**	Backstage Noir®	24 × 48 × 3/4"	Black	12	
	2821BK	Calla® Square Lay-in Panel	24 × 48 × 1"	Black	6 pieces/carton	
Other Accessories	**6371MF**	FeltWorks® Blades VarAffix™ Field-cut Connector Kit	N/A	Mill Finish	10 Threaded Connectors/ 20 Screws/bag	
	BERC2	2" Beam End Retaining Clip	N/A	N/A	200 pieces/carton	
	6459BL	Rigid Attachment Clip	5-1/2" × 1-3/4"	Mill Finish	25 pieces/carton	

◆ When specifying or ordering, include the appropriate 2- or 3-digit color suffix (e.g. 6701 B L)

FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels –
Reinforced Rectangular

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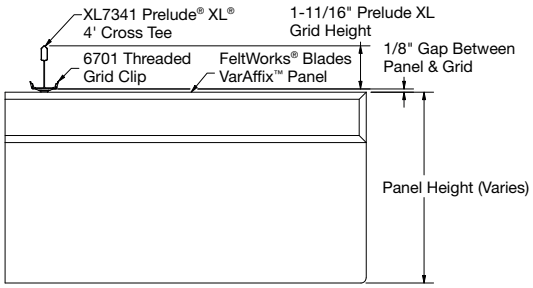
Declare.

RECYCLED CONTENT
UP TO 60%

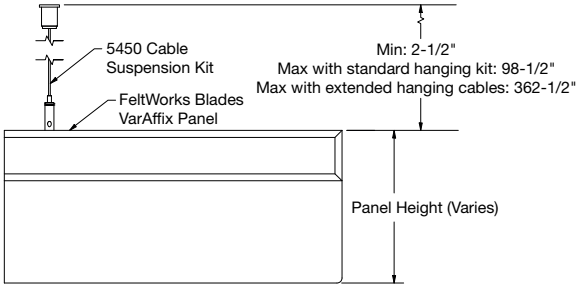
LEED V5

COMMON MATERIALS FRAMEWORK			
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

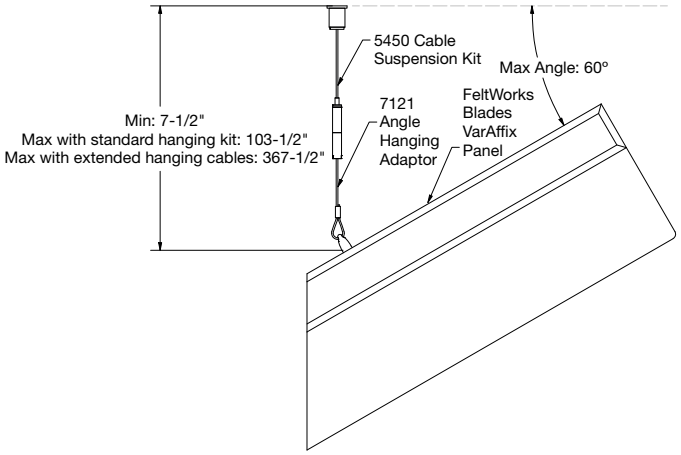
SYSTEM INSTALLATION DETAILS



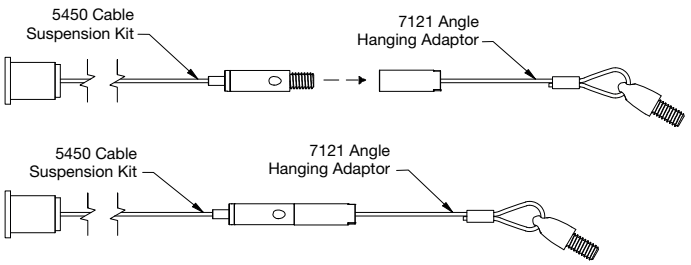
1 Direct to Grid Installed View



2 Independent Suspension Installation



3 Angled Independent Suspension Installation



4 Angled Hanging Adaptor

BLADES – Standard

FELTWORKS® Blades – VarAffix®

Linear Acoustical Panels –
Reinforced Rectangular

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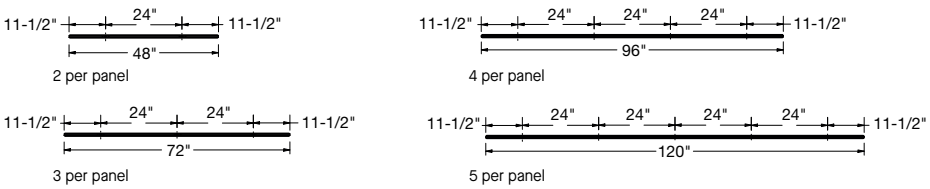
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RECYCLED CONTENT
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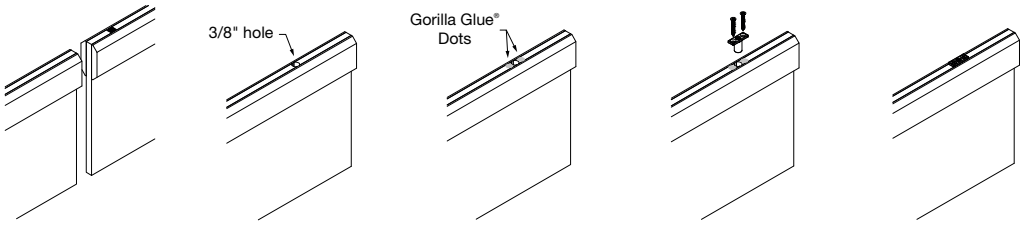
LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
Human Health	Declare Label	Ecosystem Health	EPD
	HPD		
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

SYSTEM INSTALLATION DETAILS (continued)



5 Threaded Connectors Per Panel



Step 1: Field-cut panel

Step 2: Drill 3/8" hole in top of blade, about 1" deep

Step 3: Add dots of Gorilla Glue® to both sides of the hole

Step 4: Insert hanging kit into hole & secure with screws

Step 5: Use caution when installing as glue is not fully cured for 24 hours

6 Field-cut Installation

NOTE: For more details, refer to installation instructions at armstrong.com/feltworksblades
For actual dimensions refer to CAD/Revit® drawings at: armstrong.com/cadrevit

PHYSICAL DATA

Material
3/8" thick non-woven layered and formed polyester felt (PET) fiber panels with color throughout.

Fire Performance
FeltWorks VarAffix products have been tested according to NFPA 286 and are equivalent to Class A Interior Finish as defined by the International Building Code.

CAN/ULC S102.2 surface burning characteristics. Flame Spread Rating of 75. Smoke Developed Classification of 105.

FeltWorks® Blades – VarAffix®, 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.

Application Considerations
Panel color and texture may vary from order to order; adequate attic stock should be ordered. Due to the nature of recycled materials, small dark fibers may be visible on light panels.

FeltWorks Blades – VarAffix panels are not approved for exterior application.

FeltWorks Blades – VarAffix panels should not be installed near sources of heat greater than 158° F.

FeltWorks Blades – VarAffix panels were designed as a standalone system and may not be used with FeltWorks® Blades – HookOn panels.

Design Considerations
When installing with Prelude® XL® 15/16" suspension system panels will have a 1" gap between the ends of panels for best visual.

When installed with acoustical infill panels, any panel may sit proud of the grid. This may result in a mousehole and if there is any light source above the ceiling, it may be visible through the hole.

Design & Pre-Construction Service
For complimentary design and pre-construction assistance, contact ProjectWorks® or visit armstrong.com/projectworks

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, CalGreen Title 24, ANSI/ ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
Tested per ASTM C423 without infill panels. Spacing of blades, blade depth, and acoustical infill panels will impact acoustical performance, see acoustical chart in visual selection. Contact TechLine for a custom reverberation time report at techline@armstrong.com

Installation Considerations
Any fixtures adjacent to FeltWorks Blades – VarAffix panels must be independently supported. Adjacent panel ends are spaced 1" apart.

Natural bowing is inherent in PET materials. Feltworks Blades – VarAffix panels may have a maximum bow or twist of 1/2" over 48", or up to 1" over 96", as installed.

Seismic Restraint
FeltWorks Blades – VarAffix panels are approved for all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings installation instructions.

Cleaning and Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrong.com/cleaning

Warranty
Details at armstrong.com/warranty

Weight

Depths
6" = 0.31 lbs per linear foot
8" = 0.36 lbs per linear foot
10" = 0.42 lbs per linear foot
12" = 0.51 lbs per linear foot

48" Lengths:
6370RCE0004_ _ _ 6 × 48 × 3/8" – 1.24 lbs per panel
6370RCE0009_ _ _ 8 × 48 × 3/8" – 1.44 lbs per panel
6370RCE0013_ _ _ 10 × 48 × 3/8" – 1.68 lbs per panel
6370RCE0017_ _ _ 12 × 48 × 3/8" – 2.04 lbs per panel

72" Lengths:
6370RCE0007_ _ _ 6 × 72 × 3/8" – 1.86 lbs per panel
6370RCE0010_ _ _ 8 × 72 × 3/8" – 2.16 lbs per panel
6370RCE0014_ _ _ 10 × 72 × 3/8" – 2.52 lbs per panel
6370RCE0018_ _ _ 12 × 72 × 3/8" – 3.06 lbs per panel

96" Lengths:
6370RCE0001_ _ _ 6 × 96 × 3/8" – 2.48 lbs per panel
6370RCE0011_ _ _ 8 × 96 × 3/8" – 2.88 lbs per panel
6370RCE0015_ _ _ 10 × 96 × 3/8" – 3.36 lbs per panel
6370RCE0019_ _ _ 12 × 96 × 3/8" – 4.08 lbs per panel

120" Lengths:
6370RCE0008_ _ _ 6 × 120 × 3/8" – 3.10 lbs per panel
6370RCE0012_ _ _ 8 × 120 × 3/8" – 3.60 lbs per panel
6370RCE0016_ _ _ 10 × 120 × 3/8" – 4.20 lbs per panel
6370RCE0020_ _ _ 12 × 120 × 3/8" – 5.10 lbs per panel

Panels/Carton
12

Minimum Order Quantity
1 carton

TechLine / 877 276-7876
armstrong.com/varaffix

BPCS-6924-1026

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