CEILING | SYSTEMS

Between us, ideas become reality™

METALWORKS™ Vector®
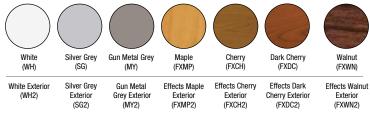and Vector Exterior

Armstrong®

METALWORKS™
Vector® & Vector Exterior
smooth texture

MetalWorks Vector Exterior in Silver Grey with Prelude® XL® grid for Exterior Applications; RTC Bonneville Transit Center, Las Vegas, NV

Key Selection Attributes

- Exclusive Vector-edge profile ceiling installs on new or existing 15/16" exposed tee grid resulting in a thin 1/4" reveal
- Available in three standard colors and four standard Effects™ Wood Looks finishes with matching Effects trim
- Five standard perforations available to enhance acoustical performance and design aesthetics
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.90)
- Durable – Washable, Scrubbable, Impact-resistant, Soil-resistant
- Exterior system available, tested to meet wind uplift Classes 30, 60, and 90; less expensive than stucco for exteriors
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® Credits
- Installs with minimal plenum clearance
- Standard edge caps for cut panels (White, Silver Grey, Gun Metal Grey)
- 100% downward accessible, without tools, plenum access per panel without the need of special tools
- For additional sizes, colors, and perforations, contact the Architectural Specialties Project Management Team at 1 877 ARMSTRONG and select options 1-1-4

MetalWorks Vector Faceted Extra Microperforated in Effects Wood Looks Dark Cherry; Mount Saint Mary College, Newburgh, NY

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

White (WH)	Silver Grey (SG)	Gun Metal Grey (MY)	Maple (FXMP)	Cherry (FXCH)	Dark Cherry (FXDC)	Walnut (FXWN)
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)

Panels are also available in Custom RAL colors upon request.
Note: Effects colors are only available for items 6466M1 and 6466M3.

Detail

MetalWorks Vector Microperforated

MetalWorks Vector Extra Microperforated

MetalWorks Vector Unperforated with Prelude 15/16" Exposed Tee grid

On the cover: MetalWorks Vector Faceted Microperforated in Silver Grey on Prelude XL grid
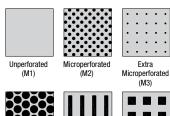Tidewater Community College, Fred W. Beazley Portsmouth Campus, Portsmouth, VA

Perforation Options (Actual 1:2 scale shown)

Unperforated (M1)	Microperforated (M2)	Extra Microperforated (M3)
Round Staggered – Rv 4058 (M4)	Square Straight Slotted – Lg 27018 (M5)	Square Straight – Qg 4025 (M6)

Note: Perforations M4, M5, and M6 have 1,000 SF minimum order quantity.

Additional sizes, colors, and perforations available as custom options. For more information, visit our web site at armstong.com/metalworks or call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties Project Management Team.

Colors and Perforations

White (WH)	Effects Cherry (FXCH)	Silver Grey Exterior (SG2)	Effects Dark Cherry Exterior (FXDC2)	Extra Microperforated (M3)
Silver Grey (SG)	Effects Dark Cherry (FXDC)	Gun Metal Grey Exterior (MY2)	Effects Walnut Exterior (FXWN2)	Rv 4058 (M4)
Gun Metal Grey (MY)	Effects Walnut (FXWN)	Effects Maple Exterior (FXMP2)	Unperforated (M1)	Lg 27018 (M5)
Effects™ Maple (FXMP)	White Exterior (WH2)	Effects Cherry Exterior (FXCH2)	Microperforated (M2)	Qg 4025 (M6)

Visual Selection

Performance Selection Dots represent highest level of performance.

Edge Profile	Item Number ◆	Dimensions	% Open Area	Acoustics NRC	CAC	Light Reflect (White only)	Durable Wash	Scrub	Impact	Soil

METALWORKS Vector (with acoustical fleece)

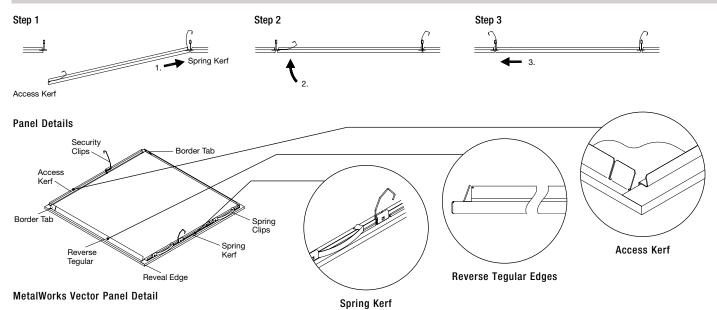| Edge Profile	Item Number	Dimensions	% Open Area	NRC	CAC	Light Reflect	Wash	Scrub	Impact	Soil
1/4" Reveal with 15/16" Vector	6466M1_ _ _ _ _ ◆◆	2' x 2' □	0%	0.10	36	0.77	•	•	•	•
	6466M2_ _ _	2' x 2' □	18.4%	0.70 0.90** •	31*	0.61	•	•	•	•
	6466M3_ _ _ _ _ ◆◆	2' x 2' □	1.5%	0.65 0.70** •	33*	0.77	•	•	•	•
	6466M4_ _	2' x 2' □	58%	0.65 0.90** •	30*	0.36	•	•	•	•
	6466M5_ _	2' x 2' □	18%	0.70 0.90** •	31*	0.53	•	•	•	•
	6466M6_ _	2' x 2' □	25%	0.70 0.90** •	31*	0.56	•	•	•	•

◆ When specifying or ordering, include the appropriate letter color 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). Light reflectance is for white only.
◆◆ Available in Effects Wood Looks finishes. NOTE: Perforations M2, M4, M5, and M6 are not available in Effects finishes as a standard option and have 1,000 SF minimum order quantity.
* With optional field-cut #770 mineral fiber backing (cannot be used with fiberglass infill #8200100).
** NRC 0.90 (microperforated); NRC 0.70 (extra microperforated) with optional fiberglass infill #8200100 (cannot be used with #770 mineral fiber backing)
NRC 0.85 (microperforated); or NRC 0.70 (extra microperforated) with optional BioAcoustic™ infill #5479 or 5823.

Suspension Systems

15/16"	Prelude® XL®
15/16"	Prelude XL for Exterior Applications† 12' Main Beam: 7301G90 2' Cross Tee: XL7321G90 10' Wall Molding: HD7801G90

† Available in Silver Grey (SG) and Gun Metal Grey (MY) colors as special order.
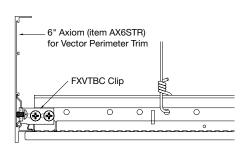
Installation Details

Step 1

1. → Spring Kerf

Access Kerf

Step 2

↑ 2.

Step 3

← 3.

Panel Details

Security Clips
Border Tab
Access Kerf
Border Tab
Reverse Tegular
Reveal Edge
Spring Clips
Spring Kerf

MetalWorks Vector Panel Detail

Spring Kerf

Reverse Tegular Edges

Access Kerf

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smooth texture

Accessories
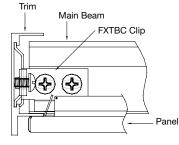
Item Number	Description	Dimensions	Pieces/Carton
AX2STR	Axiom® Classic Trim - 2" Straight	120" x 3/4" x 2"	–
AX4STR	Axiom Classic Trim - 4" Straight	120" x 3/4" x 4"	–
AX6STR	Axiom Classic Trim - 6" Straight	120" x 3/4" x 6"	–
5342_ _ _ _◆†	2" Effects Wood Looks Trim	Nominal 10' length	6
5344_ _ _ _◆†	4" Effects Wood Looks Trim	Nominal 10' length	6
5346_ _ _ _◆†	6" Effects Wood Looks Trim	Nominal 10' length	6
FXVTBC	Vector T-bar Connector Clip	N/A	10
FXSPTHDC	Effects Hold Down Clip for Cut Panel Installations	N/A	10
84008_ _◆	Vector Single-Slot Air Diffuser	2' x 2' (not available in Effects colors)	1
6098_ _◆	Edge Cap for Cut Panels	Nominal 2' length Panels (not available in Effects colors)	50
5479	BioAcoustic™ Infill Panel (Beige Matte)	2' x 2' x 5/8"	12
5823	BioAcoustic Infill Panel (Black Matte)	2' x 2' x 5/8"	12
770**	Cortega Square Lay-in Panel (White or Black Matte)	2' x 2' x 5/8"	8
8200100	1" Fiberglass Infill Bag (Black Gloss)	2' x 2' x 1"	12

◆ When specifying or ordering, include the appropriate two- or four-letter color suffix with the item number (e.g., 6096 W H or 5342 F X C H).

** Recommended for high CAC acoustical performance with MetalWorks Extra Microperforated panels.

† Note: Effects Wood Looks Trim cartons include FXSPLICE plates and FXTBC clips. For more information about Effects or Axiom trim options, visit armstrong.com/trim
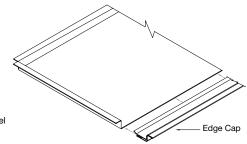
Accessory Details

Axiom Classic Trim Application

6" Axiom (item AX6STR) for Vector Perimeter Trim
FXVTBC Clip

Effects Trim Application

Trim
Main Beam
FXTBC Clip
Panel

Edge Cap (Item 6098) Application for Cut Panels

Edge Cap

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. Premium and Custom RAL colors also available. Refer to CS-3957 for a sampling of Custom RAL colors. Contact Armstrong Architectural Specialties for custom color matching requests at 1 877 ARMSTRONG; select options 1-1-4.

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 information about accessible faceted applications, refer to installation instructions on our web site at armstrong.com/installation.

Seismic Installations
MetalWorks Vector has been engineered, tested, and approved for application in all seismic areas.

Wind Uplift Performance
MetalWorks Vector for exterior applications has been tested to meet wind uplift Classes 30, 60, and 90. Visit armstrong.com/metalworks or contact TechLine at 1 877 ARMSTRONG for installation instructions and test documentation.

Warranty
One (1) year limited warranty. Details: 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.

Armstrong®