

OPTIMA® Open Plan

Vector®

fine texture



Optima Vector with Prelude® 15/16" Exposed Tee grid (Pg. 215); Axiom® Classic Trim (Pg. 236)

Key Selection Attributes

- 1/4" reveal between acoustical panels results in a monolithic appearance
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.80-0.90)
- Downward accessible for minimal plenum height
- Smooth, clean durable finish – Washable Scratch-resistant Soil-resistant
- Energy-saving high light-reflective finish
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

Typical Applications

- Open plan offices
- Lobbies (walls-to-deck)
- Corridors (walls-to-deck)
- Areas with limited plenum depth
- Areas with indirect lighting systems
- Open plenum areas (in acoustical custom clouds) 2' x 2' panels only

Color



White (WH)

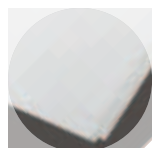
Building owners/facility managers:

Call 1 877 ARMSTRONG for OPTIMA/ULTIMA Vector Building Owner's Kit, CS-3398 (post-installation care and information)

For Contractors

Call 1 877 ARMSTRONG for Vector Contractor's Kit, CS-3562 (installation tips and instructions)

Detail



Optima Vector

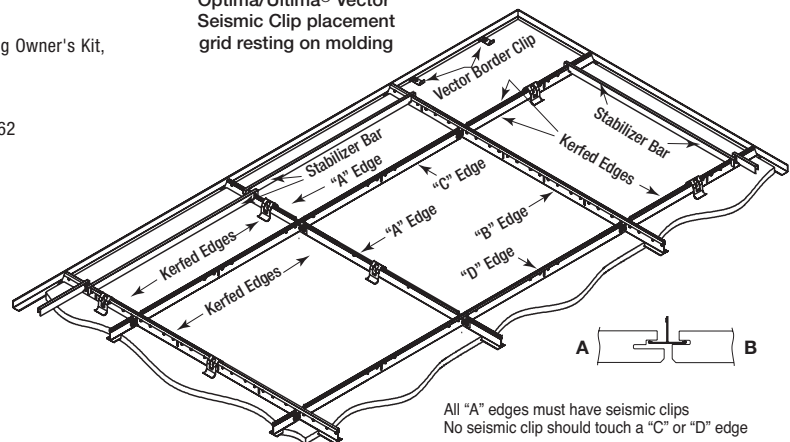


Optima Vector with
Prelude 15/16"
Exposed Tee grid



Optima Vector
with fixture trim

Optima/Ultima® Vector
Seismic Clip placement
grid resting on molding



All "A" edges must have seismic clips
No seismic clip should touch a "C" or "D" edge

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Recycled Content: 82%

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
✓	✓	✓	✓		✓
Location Dependent					

LEED for Schools

Acoustics	Low Emitting or CHPS
✓	✓

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Visual Selection

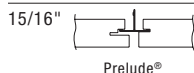
Performance Selection

Dots represent highest level of performance.

Edge Profile	Suspension Detail Dwg. Pgs. 226-228	Item No.	Dimensions		UL Classified			Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	Durable			Recycle Program
					Acoustics		AC								
					NRC	CAC									
OPTIMA Open Plan Vector															
1/4" Reveal with 15/16" Vector	19	3900	2' x 2' x 7/8"		0.90	N/A	190	Class A	0.90	HumiGuard+	Inherent	Wash	Scratch	Soil	Yes
	19	3901	2' x 2' x 7/8"		0.80	26	190	Class A	0.90						—
	19	3902	1' x 2' x 7/8"		N/A	N/A	N/A	Class A	0.90						
	19	3903	1' x 2' x 7/8"		N/A	26	N/A	Class A	0.90						—
	19	3908	2' x 4' x 7/8"		0.90	N/A	190	Class A	0.90						
	19	3904	30" x 30" x 7/8"		0.90	N/A	190	Class A	0.90						
	19	3905	30" x 30" x 7/8"		0.80	26	190	Class A	0.90						—

For Optima Plank and large sizes see pages 125-128.

Suspension Systems – Non-Standard Configurations may be required



Prelude®

Accessories (ordered separately)

Item #		
441		Vector Border Clip (For installations with the grid resting on the wall molding) Primarily used for corners and special cutouts only
442		Vector Seismic Clip Recommended for installation in all seismic areas
7425		2' Stabilizer Bar
7445		4' Stabilizer Bar
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

Vector – Fixture Trims

Item #	Length	Color	Substrate
5790	1'	White	Extruded PVC
5791	2'	White	Extruded PVC
5792	30"	White	Extruded PVC
5793	4'	White	Extruded PVC

Physical Data

Material

3900, 3902, 3904, 3908 – Fiberglass with DuraBrite® acoustically transparent membrane
3901, 3903, 3905 – 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

Sag Resistance

HumiGuard® Plus – superior resistance to sagging in high humidity conditions up to, but not including, standing water and outdoor applications.

VOC/Formaldehyde Emissions

Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.

Anti Mold/Mildew & Bacteria

Fiberglass substrate is inherently resistant to the growth of mold, mildew, and bacteria.

Acoustical Details

CAC backing is available on all products as a special order. Items 3901, 3903, and 3905 come with CAC backing.

Insulation Value

R Factor – 3.5 (BTU units)
R Factor – 0.62 (Watts units)

30-Year Performance Guarantee & Warranty Information

See warranty details in the back of this catalog

Application Considerations

Products with CAC backing are not recyclable.

Product installation is directional. 1' x 2' products are intended for use with recessed lighting fixtures, and not UL Classified for acoustics.

Vector ceiling systems have been independent laboratory tested for seismic performance.

Weight; Square Feet/Carton

3900, 3901, 3902, 3903 – 0.58 lbs/SF; 48 SF/ctn
3904, 3905 – 0.59 lbs/SF; 75 SF/ctn
3908 – 0.56 lbs/SF; 96 SF/ctn