

OPTIMA® Open Plan

Vector®
fine texture



Optima Vector with Prelude® 15/16" Exposed Tee grid; Axiom® Classic Trim

Key Selection Attributes

- 1/4" reveal between acoustical panels results in a monolithic appearance
- Downward accessible for minimal plenum height
- 30-Year Limited System Warranty against visible sag, mold/mildew and bacterial growth
- 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

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)

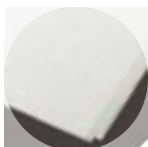
Building owners/facility managers:

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

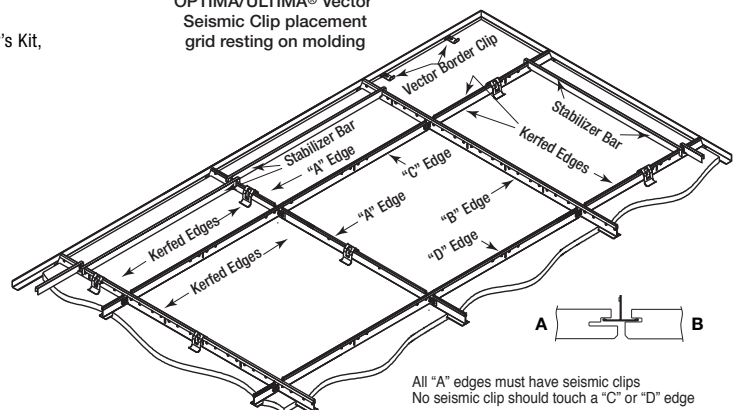


OPTIMA Vector with PRELUDE 15/16" Exposed Tee grid



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	Item No.	Dimensions	UL Classified			Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Durable			Recycle Program
			Acoustics NRC	AC	CAC						Wash	Scratch	Soil	
OPTIMA† Open Plan Vector														
15/16" Vector (only)	3900	2' x 2' x 7/8"	0.90	190	N/A	Class A	0.90	HumiGuard+	Inherent	Low	•	•	•	Yes
	3901*	2' x 2' x 7/8"	0.80	190	26	Class A	0.90	•	•	Low	•	•	•	-
	3902	1' x 2' x 7/8"	N/A	N/A	N/A	Class A	0.90	•	•	Low	•	•	•	•
	3903*	1' x 2' x 7/8"	N/A	N/A	26	Class A	0.90	•	•	Low	•	•	•	-
	3908	2' x 4' x 7/8"	0.90	190	N/A	Class A	0.90	•	•	Low	•	•	•	•
	3904	30" x 30" x 7/8"	0.90	190	N/A	Class A	0.90	•	•	Low	•	•	•	•
	3905*	30" x 30" x 7/8"	0.80	190	26	Class A	0.90	•	•	Low	•	•	•	-

* CAC backing (not recyclable) Note Application Considerations below.

CAC backing available on all panels as a special order

† U.S. Patents 6,103,360; 6,230,463

For larger sizes, see CS-3389

Suspension Systems

15/16" Standard: Prelude®

Accessories (ordered separately)

Item #	Description
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 acrylic 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.

Low Formaldehyde
Low formaldehyde – contributing less than 13.5 ppb in typical conditions per ASHRAE Standard 62, "Ventilation for Acceptable Indoor Air Quality," California Code Title 24, and other building types in CHPS Section 01350.

Anti Mold/Mildew & Bacteria
Fiberglass substrate is inherently resistant to the growth of mold, mildew and bacteria.

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

Backloading Recommendation
Backloading not recommended

Application Considerations
Products with CAC backing are not recyclable.

Product is installation directional. 1' x 2' products are not intended for a full ceiling installation, and not UL Classified for acoustics.

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

30-Year Performance Guarantee & Warranty Information
See warranty details at armstrong.com/warranty

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

TechLine™ / 1 877 ARMSTRONG
1 877 276 7876

armstrong.com/ceilings (search: optima)
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