

OPTIMA®
Vector
 fine texture

Items with
 Breakthrough
 Plant-based
 Binder have a
 PB Suffix



Optima Vector with Prelude® 15/16" suspension system (Pg. 259)

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!™ colors and images – see pages 165-167
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

TYPICAL APPLICATIONS

- Open plan offices
- Lobbies
- Corridors
- Areas with limited plenum depth
- Areas with indirect lighting systems
- Education



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 Photo Gallery to view more
 installation photos

SEARCH: optima

DETAIL



1. Optima Vector
2. Optima Vector with Prelude 15/16" suspension system
3. Optima Vector with fixture trim

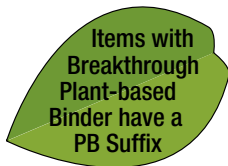
COLOR



White

Create! colors available on item 3901. See pages 165-167.

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UP TO **71%** RECYCLED CONTENT
LEED® acoustics energy daylight & views indoor air quality renewable materials recycled content waste mgmt local* materials
EPD AVAILABLE
Calculate LEED contribution at armstrong.com/greengenie *LOCATION DEPENDENT



VISUAL SELECTION

PERFORMANCE Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 273-277 armstrong.com/catdws	Item No.	Dimensions (Inches)	Acoustics		Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability			Primary (Embodied) Energy	Recycled Content*	Recycle Program	Warranty*
				NRC	CAC						Wash	Scratch	Soil				
OPTIMA Vector				UL Classified		Inherent		Humi-Guard+	Wash	Scratch	Soil	Below 11MJ/SF	Yes	No. of Years			
1/4" Reveal with 15/16" Vector	73	3902	12 x 24 x 7/8" □	N/A	N/A	N/A	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3903	12 x 24 x 7/8" □	N/A	26	N/A	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3900	24 x 24 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
		3900PB		•													
	73	3901	24 x 24 x 7/8" □	0.80	26	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3908	24 x 48 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
		3908PB		•													
	73	3906	24 x 72 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3907	24 x 96 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3904	30 X 30 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3905	30 X 30 x 7/8" □	0.80	26	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	3909	48 x 48 x 7/8" □	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30
	73	FastSize™	W: 4" - 30" / L: 12" - 96" W: >30" - 48" / L: 12" - 48" 7/8" Thick	0.90	N/A	190	Class A	0.90	•	•	•	•	•	•	High	•	30

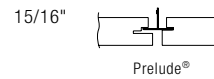
ACCESSORIES (not included; ordered separately)

Item No.	Description
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)

VECTOR – FIXTURE TRIMS

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

SUSPENSION SYSTEMS



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.

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

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
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
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

