

OPTIMA®
OPTIMA® with Plant-based Binder
Vector®
 fine texture



DESIGNFlex™
 CEILING SYSTEMS



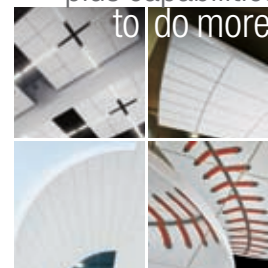
Personalize Your Design!

Mix and match different sizes and materials to reinvent your ceiling. More at:
armstrongceilings.com/designflex



Optima® Vector® panels with Prelude® 15/16" suspension system (Pgs. 391-392)

plus capabilities
 to do more



See more photos at:
armstrongceilings.com/photogallery
 SEARCH: optima

Fine-textured acoustical panel is ideal for projects with limited plenum space: requires about 6" of clear space from the deck.

KEY SELECTION ATTRIBUTES

- DesignFlex™ options include tailor-made sizes available to ship in 3 weeks
- 1/4" reveal between acoustical panels results in a monolithic appearance
- Optima® PB panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- 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!™ printed images and patterns see pages 245-247
- 30-Year Limited System Warranty against visible sag, mold, and mildew

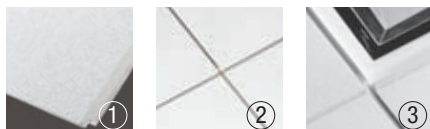
TYPICAL APPLICATIONS

- Renovation – installs on existing 15/16" suspension
- Open plan offices
- Lobbies
- Corridors (walls-to-deck)
- Areas with limited plenum depth
- Areas with indirect lighting systems
- Education

COLOR



DETAILS



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

VISUAL SELECTION



UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

Category	Contribution Type
energy management	LOCATION DEPENDENT
construction waste mgmt	LOCATION DEPENDENT
regional materials	LOCATION DEPENDENT
design for flexibility	LOCATION DEPENDENT
EPD	LOCATION DEPENDENT
recyclable/extended producer resp.	PB ONLY
biobased materials	PB ONLY
recycled content	PB ONLY
sourcing of raw materials	PB ONLY
natural material ingredient reporting	PB ONLY
low emitting/materials	PB ONLY
lighting quality	PB ONLY
acoustics	PB ONLY

\$\$\$\$

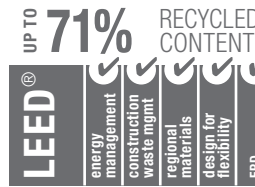
* Items not UL classified for acoustics.

OPTIMA® OPTIMA® with Plant-based Binder Vector® fine texture

VISUAL SELECTION



Declare™
Living Building
Challenge Compliant
PB Suffix Only



Calculate LEED contribution at
armstrongceilings.com/greengenie

LOCATION DEPENDENT

PB ONLY

PB ONLY

PB ONLY

\$\$\$\$\$

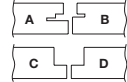
PERFORMANCE SELECTION

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
--------------	--	----------	---------------------

OPTIMA® Vector®

1/4" Reveal with 73 15/16" Vector **3908** **3908PB** 24 x 48 x 7/8"



73 **3906** 24 x 72 x 7/8"

73 **3907** 24 x 96 x 7/8"

73 **3904** 30 X 30 x 7/8"

73 **3905** 30 X 30 x 7/8"

73 **3909** 48 x 48 x 7/8"

UL Classified Acoustics		Total Acoustics ¹		Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+	CAC	=	AC											
0.90	N/A	—	190	Class A	0.90	•	•	•	—	•	•	•	•	•	•
0.90	N/A	—	190	Class A	0.90	•	•	•	—	•	•	•	•	•	•
0.90	N/A	—	190	Class A	0.90	•	•	•	—	•	•	•	•	•	•
0.90	N/A	—	190	Class A	0.90	•	•	•	—	•	•	•	•	•	•
0.80	26	—	190	Class A	0.90	•	•	•	—	•	•	•	•	—	•
0.90	N/A	—	190	Class A	0.90	•	•	•	—	•	•	•	•	•	•

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

Optima® items with the PB suffix are included in the Sustain™ portfolio and carry Declare™ certification.

* Items not UL classified for acoustics.



FIBERGLASS

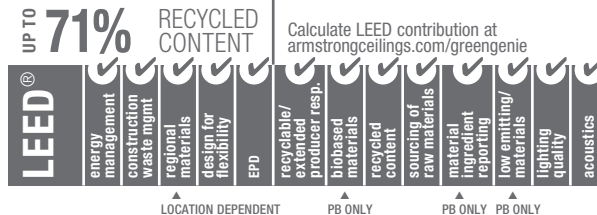
OPTIMA® OPTIMA® with Plant-based Binder Vector® fine texture VISUAL SELECTION



Declare™
Living Building
Challenge Compliant
PB Suffix Only



SUSTAIN™
High Performance
Sustainable
Ceiling Systems
PB Suffix Only



PERFORMANCE SELECTION

Dots represent high level of performance.

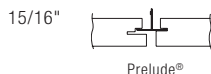
\$\$\$

Edge Profile	Dimensions (Inches)
OPTIMA® Vector® Size Capabilities	Width
	Length
1/4" Reveal with 15/16" Vector	Non-PB 7/8" Thick
	4" – 5-1/2"
	6" – 11-1/2"
	12" – 30-1/2"
	31" – 48"
1 CTN MIN Made-to-Order Sizes (3 Wks)	PB 7/8" Thick
	12" – 30"

UL Classified Acoustics	Total Acoustics ¹	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
N/A	N/A	—	N/A	Class A	0.90	•	—	•	•	•	•	•	•
N/A	N/A	—	N/A	Class A	0.90	•	—	•	•	•	•	•	•

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

SUSPENSION SYSTEMS



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

ACCESSORIES (must be ordered separately)

Item No.	
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 (24"), 7431 (30"), 7445 (48"), 7461 (60")	Stabilizer Bars
522	Mid-point Clip 48" x 48" Vector panels only
7870	Spring Border Clip (For installations with the panel resting on the wall molding)

PHYSICAL DATA

Material
Fiberglass with DuraBrite® acoustically transparent membrane 3901, 3903, 3905 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish
DuraBrite scrim 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

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

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 EPDs.

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 armstrongceilings.com

Weight; Square Feet/Carton
1466 – 0.58 lbs/SF; 24 SF/ctn
1467 – 0.58 lbs/SF; 42 SF/ctn
3900, 3900PB, 3901, 3902, 3903 – 0.58 lbs/SF; 48 SF/ctn
3904, 3905 – 0.59 lbs/SF; 75 SF/ctn
3908, 3908PB – 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

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: optima)

BPCS-3683-418

LEED® is a registered trademark of the U.S. Green Building Council
Declare™ is a service mark of The International Living Future Institute
UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates
© 2018 AWI Licensing LLC Printed in the United States of America

Armstrong®
CEILING & WALL SOLUTIONS

294

FIBERGLASS