

new OPTIMA® PB Concealed
with Plant-based Binder
Concealed Suspension
fine texture



CONTAIN CLEAN PROTECT

CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



DESIGNFlex™
A New World of Choice
for Ceiling Systems



▲ Optima® PB Concealed panels with Prelude® XL® HD 15/16" suspension system

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

Fine-textured panels with fully concealed suspension and downward accessibility;
Ideal for projects where plenum space is limited. Offers high sound absorption.

KEY SELECTION ATTRIBUTES

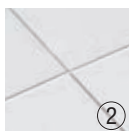
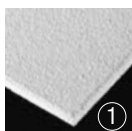
- new** • Optima® PB Concealed panels are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- DESIGNFlex® options include made-to-order sizes available to ship in 3 weeks
- Large format acoustical panels
- Downward accessible for minimal plenum height
- new** • Outstanding acoustical performance for open plan areas, both Articulation Class 190 and NRC 0.90
- new** • CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- Smooth, clean, durable finish – Washable Scratch-resistant Soil-resistant
- Energy-saving, high light-reflective finish
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Available with factory-cut holes for USAI® trimless downlight fixture integration.

COLOR



White
(WH)

DETAILS



1. Optima® PB Concealed
2. Optima® PB Concealed with Prelude® XL® HD 15/16" suspension system

OPTIMA® PB Concealed
with Plant-based Binder
Concealed Suspension
fine texture

SUSTAIN®
High Performance
Sustainable Ceiling Systems
(white only)

GREENGUARD
Gold Certified
(details below)

Declare.

LEED® WELL™ LBC

UP TO **71% RECYCLED CONTENT**

energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/excise producer resp.
biobased materials
recycled content
sourcing of raw materials
material ingredient reporting
low emitting materials
lighting quality
acoustics

LOCATION DEPENDENT

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

VISUAL SELECTION

armstrongceilings.com/catdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)
OPTIMA® Concealed	106	8537PB	24 x 48 x 7/8"
Quick Kerf™ Edge		8535PB	24 x 72 x 7/8"
		8536PB	24 x 96 x 7/8"
Non-support Edge		8534PB	30 x 30 x 7/8"
		8538PB	48 x 48 x 7/8"
		8539PB	48 x 48 x 7/8"

Made-to-Order Sizes

Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email TechLine@armstrongceilings.com

1 Ctn Min FASTSIZE 3 WEEKS order to ship

Width	Length
4" – 30"	9" – 96"
30-1/2" – 48"	4" – 48"

7/8" Thick

PERFORMANCE SELECTION Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹		Articulation Class	Fire Performance	Light Reflect	Anti-Mold/Mildew	Sag Resistant	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	DURABILITY				Recycle Program
NRC	+ CAC =									Fog	Wash	Scratch	Soil	30-Yr Warranty	
0.90	N/A	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	•	
0.90	N/A	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	•	
0.90	N/A	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	•	
0.90	N/A	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	•	
0.90	N/A	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	•	
0.80	26	N/A	190	Class A	0.86	•	•	N/A	•	•	•	•	•	N/A	
N/A	N/A	N/A	N/A	Class A	0.86	•	•	N/A	•	•	•	•	•	N/A	

¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

FIXTURE TRIM

Item No.	Color	Length	Pcs/Ctn
CTK4ZW	Blizzard White	4" Concealed Fixture Kit	24
CTK6ZW	Blizzard White	6" Concealed Fixture Kit	24
CTK24ZW	Blizzard White	24" Concealed Fixture Kit	24
CTK48ZW	Blizzard White	48" Concealed Fixture Kit	24
CTK72ZW	Blizzard White	72" Concealed Fixture Kit	24
CTK96ZW	Blizzard White	96" Concealed Fixture Kit	24
Other Size	Blizzard White	4" to 96" Trim Pieces	-

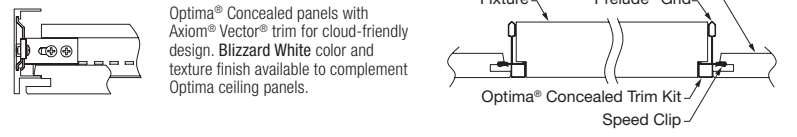
Fixture Trims (custom colors available)

Fixture trim kits include 24 straight trim pieces and required speed clips.
Example: For a space with 24" x 48" fixtures, order (1) 24" kit CTK24ZW and (1) 48" kit CTK48ZW. This will frame (12) 24" x 48" fixtures.

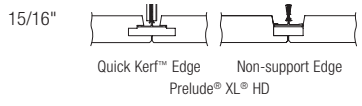
ACCESSORIES (must be ordered separately)

Item No.	Description
441	Border Clip for Vector® panels (required for installations with the suspension system resting on the wall molding). Primarily used for corners and special cutouts.
442A	Hold-down Clip for Vector® panels (for all installations)
7425 (24"), 7431 (30"), 7445 (48"), 7461 (60")	Stabilizer Bars
523	Midpoint Clip (Needed for panels over 30" wide)
7870	Spring Border Clip (For installations with the panel resting on the wall molding)

AXIOM® TRIM DETAIL



SUSPENSION SYSTEMS



PHYSICAL DATA

Material
8534, 8535, 8536, 8537, 8538 – Fiberglass with DuraBrite® acoustically transparent membrane. 8539 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 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.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
GREENGUARD Gold Certified
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL™ Building Challenge, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order.

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.

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

Design Consideration
Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges.



Panel sizes less than 24" x 24" are not recommended for full field installations.
Border panels in a seismic installation will not be accessible. To ensure border panels are accessible in other areas, consult installation instructions section 3.7.2

Installation Consideration
Optima® Concealed panels must be installed on a square, level suspension system as tolerance is near zero.

Cleaning and Disinfecting
Cleaning and CDC recommended disinfecting options available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight: Square Feet/Carton
8534PB – 0.55 lbs/SF; 75 SF/ctn
8535PB – 0.55 lbs/SF; 72 SF/ctn
8536PB, 8537PB – 0.55 lbs/SF; 96 SF/ctn
8538PB, 8539PB – 0.55 lbs/SF; 64 SF/ctn

Minimum Order Quantity
1 carton

