new

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

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.
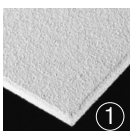
KEY SELECTION ATTRIBUTES

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

- 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

TechLine 877 276-7876
armstrongceilings.com/optimaconcealed

Armstrong®
CEILING & WALL SOLUTIONS

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

new

UP TO **71%** RECYCLED CONTENT

LEED® | LBC
WELL™

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

S U S T A I N®
High Performance Sustainable Ceiling Systems (white only)

GREENGUARD Gold Certified (details below)

Declare.

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

▲ LOCATION DEPENDENT

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"

7/8" Thick

Made-to-Order Sizes

1 Ctn Min FASTSIZE 3 WEEKS order to ship

Width	Length
24" – 30"	24" – 96"
30-1/2" – 48"	24" – 48"

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

PERFORMANCE SELECTION   Dots represent high level of performance.

$$$$

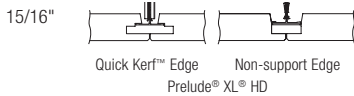| UL Classified Acoustics NRC + CAC =	Total Acoustics[1]	Articulation Class	Fire Performance	Light Reflect	Anti-Mold/Mildew (Bio-Block)	Sag Resistant (Humi-Guard)	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels (Fog)	DURABILITY Wash	Scratch	Soil	Recycle Program	30-Yr Warranty
0.90 •	N/A	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 Fixture Trims	Blizzard White (custom colors available)	4" to 96" Trim Pieces	–

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.

SUSPENSION SYSTEMS

15/16"

Quick Kerf™ Edge   Non-support Edge
Prelude® XL® HD

ACCESSORIES   (must be ordered separately)

Item No.		
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

Optima® Concealed panels with Axiom® Vector® trim for cloud-friendly design. **Blizzard White** color and texture finish available to complement Optima ceiling panels.

Optima® Concealed Panel — Fixture — Prelude® Grid — Optima® Concealed Trim Kit — Speed Clip

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.

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

GREENGUARD GOLD

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

Armstrong® CEILING & WALL SOLUTIONS

FIBERGLASS – Standard