



OPTIMA® Concealed

Concealed Suspension
fine texture



DESIGNFlex™
CEILING SYSTEMS



SIZES

Personalize Your Design!

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



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



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

Fine texture acoustical panels with a fully concealed suspension system create a monolithic look with accessibility.

KEY SELECTION ATTRIBUTES



- DesignFlex™ options include tailor-made 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)
- 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

TYPICAL APPLICATIONS

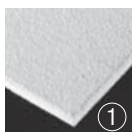
- Renovation – installs on existing 15/16" suspension system
- Open plan office areas
- Auditoriums
- Areas with limited plenum depth
- Areas with indirect lighting systems

COLOR



White
(WH)

DETAILS



1



2

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

new OPTIMA® Concealed

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VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
OPTIMA® Concealed			
 Quick Kerf™ Edge	106	8537	24 x 48 x 7/8" 
 Non-support Edge	106	8535	24 x 72 x 7/8" 
	106	8536	24 x 96 x 7/8" 
	106	8534	30 x 30 x 7/8" 
	106	8538	48 x 48 x 7/8" 
	106	8539	48 x 48 x 7/8" 

Size Capabilities

Width	Length
7/8" Thick	
4" – 5-1/2"	9" – 96"
6" – 11-1/2"	6" – 96"
12" – 30-1/2"	4" – 96"
31" – 48"	4" – 48"

1 CTN MIN
Made-to-Order
Sizes
(3 Wks)

PERFORMANCE SELECTION

Dots represent high level of performance.

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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	=													
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.90	–	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.80	26	–	–	190	Class A	0.90	•	•	–	•	•	•	•	•	–	•
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.

GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®

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



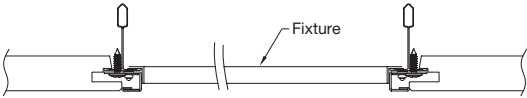
FIBERGLASS



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CONCEALED – FIXTURE TRIMS

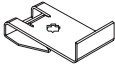
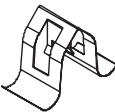
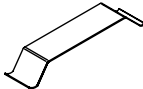


FIXTURE TRIM

Item No.	Length	Pcs	Color
FTP4ZW	4" Concealed Fixture Kit	24	Blizzard White
FTP6ZW	6" Concealed Fixture Kit	24	Blizzard White
FTP24ZW	24" Concealed Fixture Kit	24	Blizzard White
FTP48ZW	48" Concealed Fixture Kit	24	Blizzard White
FTP96ZW	96" Concealed Fixture Kit	24	Blizzard White
Other Size Fixture Trims	4" to 96" Trim Pieces	–	Blizzard White (custom colors available)

Fixture trim kits include 24 straight trim pieces, 24 corner brackets, screws, and pop rivets. Example: For a space with 24" x 48" fixtures, order (1) 24" kit FTP24ZW and (1) 48" kit FTP48ZW. This will frame (12) 24" x 48" fixtures.

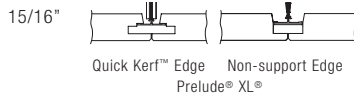
ACCESSORIES (must be ordered separately)

Item No.		
441		Border Clip. Used for corners and special cutouts.
442 A		Hold-Down Clip
7425 (24") 7431 (30") 7445 (48") 7461 (60")		Stabilizer Bars
522		Mid-point Clip (Needed for panels over 30" wide)
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

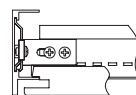


FIBERGLASS

SUSPENSION SYSTEMS



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.

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

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.

Primary (Embodied) Energy

See all LCA information on our EPDs.

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.

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight; Square Feet/Carton

8534 – 0.55 lbs/SF; 75 SF/ctn
8535 – 0.55 lbs/SF; 72 SF/ctn
8536, 8537 – 0.55 lbs/SF; 96 SF/ctn
8538, 8539 – 0.55 lbs/SF; 64 SF/ctn

Minimum Order Quantity

1 carton