LYRA® Concealed
LYRA® PB Concealed
with Plant-based Binder

Concealed Suspension
smooth texture

SUSTAIN®
High Performance
Sustainable
Ceiling Systems
(PB Suffix Only)



Lyra Concealed panels with Prelude® XL® 15/16" suspension system

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

DESIGNFlex®
A New World of Choice
for Ceiling Systems

plus capabilities to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

Smooth, drywall-like visual with fully-concealed suspension and downward accessibility; ideal for projects where plenum space is limited. Offers high sound absorption.

KEY SELECTION ATTRIBUTES

- DesignFlex® options include made-to-order sizes and colors available to ship in 3 weeks
- Large format acoustical panels
- Downward accessible for minimal plenum height
- Items with PB suffix are manufactured with a plant-based binder
- Lyra® PB Concealed panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Outstanding acoustical performance for open plan areas, both Noise Reduction and Articulation Class NRC 0.90, AC up to 180
- 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
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

COLORS
Due to printing limitations, shade may vary from actual product.



White (WH)

Available in any color!

DETAILS





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

TechLine 877 276-7876
armstrongceilings.com/lyraconcealed

Armstrong®
World Industries

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Declare.

RECYCLED CONTENT
UP TO **71%**

LEED V5 Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)
LYRA® Concealed Quick Kerf™ Edge	1	8430 8430PB	30 × 30 × 7/8"
		8433 8433PB	24 × 48 × 7/8"
		8431 8431PB	24 × 72 × 7/8"
Non-support Edge		8432 8432PB	24 × 96 × 7/8"
		8434 8434PB	48 × 48 × 7/8"
		7/8" Thick	

Made-to-Order Sizes

1 Ctn Min
FASTSIZE
3 WEEKS
order to ship

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

Width (short side)	Length (long side)
4" – 6"	9" – 96"
12" – 30"	4" – 96"
36" – 48"	4" – 48"

PERFORMANCE SELECTION
Dots represent high level of performance. $$$$

UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1]	Articulation Class AC	Fire Performance	Light Reflect	Bio-Block Anti-Mold/ Mildew	Humi-Guard+ Sag Resistant	CleanAssure™ Disinfectable Panels Fog	DURABILITY Wash	Scratch	Soil	30-Yr Warranty
0.90 •	N/A	N/A	180 •	Class A	0.88 •	•	•	•	•	•	•	•
0.90 •	N/A	N/A	180 •	Class A	0.88 •	•	•	•	•	•	•	•
0.90 •	N/A	N/A	180 •	Class A	0.88 •	•	•	•	•	•	•	•
0.90 •	N/A	N/A	180 •	Class A	0.88 •	•	•	•	•	•	•	•
0.90 •	N/A	N/A	180 •	Class A	0.88 •	•	•	•	•	•	•	•
N/A	N/A	N/A	N/A	Class A	0.88 •	•	•	•	•	•	•	•

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

FIXTURE TRIM

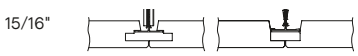
Item No.	Color	Length	PCS/ CTN
CTK4ZW	Blizzard White	4" Concealed Fixture Kit	24
CTK6ZW	Blizzard White	6" Concealed Fixture Kit	24
CTK24ZW	Blizzard White	24" Concealed Fixture Kit	24
CTK48ZW	Blizzard White	48" Concealed Fixture Kit	24
CTK72ZW	Blizzard White	72" Concealed Fixture Kit	24
CTK96ZW	Blizzard 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" × 48" fixtures, order (1) 24" kit CTK24ZW and (1) 48" kit CTK48ZW. This will frame (12) 24" × 48" fixtures.

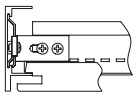
ACCESSORIES (must be ordered separately)

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.
442		Hold-down Clip for Vector® panels (for all installations)
7425 (24"), **7431** (30"), **7445** (48"), **7461** (60") Stabilizer Bars		
522		Midpoint Clip (Needed for panels over 30" wide)
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

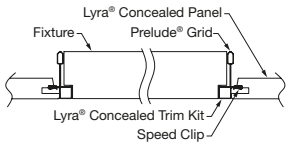
SUSPENSION SYSTEMS



AXIOM® TRIM DETAIL



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



PHYSICAL DATA

Material
Fiberglass with acoustically transparent membrane.

Surface Finish
Acoustically transparent membrane 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 B, Form B2, Pattern G; 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 panels with BioBlock® performance resist the growth of mold and mildew on the tile surface.

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
CAC backing may be available as a special order.

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

Design Considerations
Installation of lighting or mechanical systems requires care to avoid lipping or unacceptable panel alignment. Concealed panels are not recommended for mechanically dense areas or if frequent access is needed.

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" × 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.

Physical product samples for standard and custom colors are available upon request. Please refer to the physical product sample prior to making a final selection. While we strive to ensure exact color matches, various factors such as differences in materials, texture, substrate porosity, painting processes, lighting, and observer subjectivity can all affect how paint colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, ceiling and wall panels, trim products, and suspension systems with the same color name will coordinate but may not be an exact color match. Product is dye-lotted. Order sufficient initial quantities and attic stock to minimize possible color variation.

VOC Emissions
(PB suffix items only)
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 Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Installation Consideration
Lyra® 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
8430, 8430PB – 0.55 LBS/SF; 75 SF/CTN
8431, 8431PB – 0.55 LBS/SF; 72 SF/CTN
8433, 8432, 8433PB, 8432PB – 0.55 LBS/SF; 96 SF/CTN
8434, 8434PB – 0.55 LBS/SF; 64 SF/CTN

Minimum Order Quantity
1 carton

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BPCS-5344-526

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FIBERGLASS – Standard