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

## Concealed Suspension
smooth texture

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

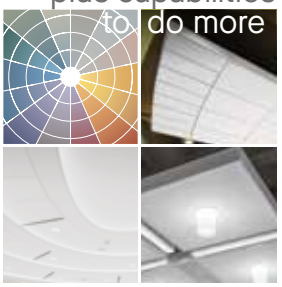


Lyra Concealed panels with Prelude® XL® 15/16" suspension system

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

# LYRA® Concealed
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## with Plant-based Binder
## Concealed Suspension
smooth texture

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

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" |

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.

## 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

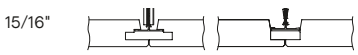
| Item No. | Color | Length | PCS/CTN |
|---|---|---|---|
| **CTK4ZW** | Blizzard White | 4" Concealed Fixture Kit | 24 |
| **CTK6ZW** | Blizzard White | 6" Concealed Fixture Kit | 24 |
| **CTK24ZW** | Blizzard White | 24" Concealed Fixture Kit | 24 |
| **CTK48ZW** | Blizzard White | 48" Concealed Fixture 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.

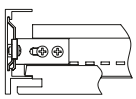
## ACCESSORIES (must be ordered separately)

| 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) |

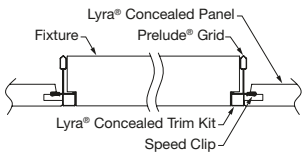
## SUSPENSION SYSTEMS




## 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**
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-5344-326

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FIBERGLASS – Standard