

**new** LYRA® PB Concealed  
with Plant-based Binder  
Concealed Suspension  
smooth texture

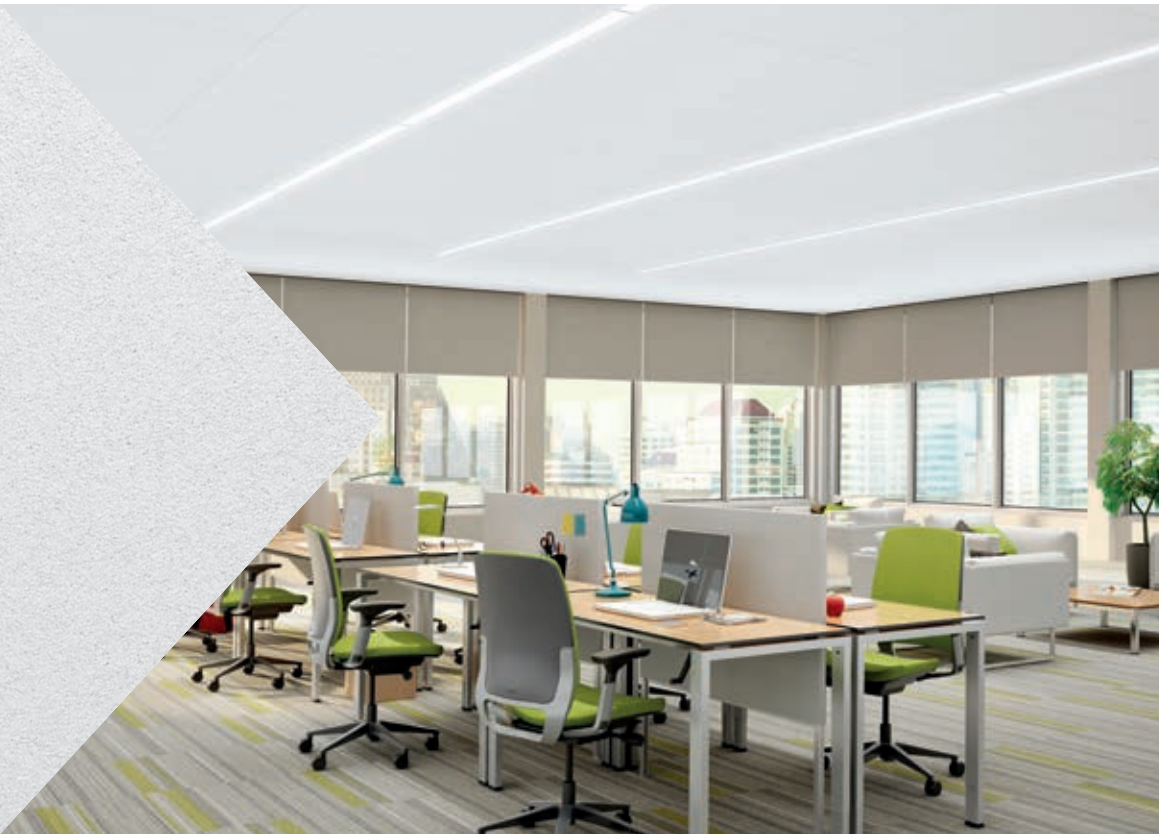


CONTAIN CLEAN PROTECT

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



**DESIGNFlex™**  
A New World of Choice  
for Ceiling Systems



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

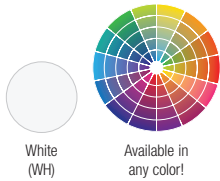
[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

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**

- new** • Lyra® 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 and colors available to ship in 3 weeks
- Large format acoustical panels
- Downward accessible for minimal plenum height
- Outstanding acoustical performance for open plan areas, both Noise Reduction and Articulation Class NRC 0.90, AC up to 190
- 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

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



**DETAILS**



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

**new** LYRA® PB Concealed  
with Plant-based Binder  
Concealed Suspension  
smooth texture

**SUSTAIN\***  
High Performance  
Sustainable Ceiling Systems  
(white only)

**Declare.**

**GREENGUARD**  
Gold Certified  
(details below)

**LEED® WELL™ LBC**

UP TO **71%** RECYCLED CONTENT

energy management  
construction waste mgmt  
regional materials  
design for flexibility  
EPD  
recyclable/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) |
|-------------------------------|------------|----------|---------------------|
| LYRA® Concealed               | 1          | 8430PB   | 30 x 30 x 7/8"      |
| Quick Kerf™ Edge              |            | 8433PB   | 24 x 48 x 7/8"      |
|                               |            | 8431PB   | 24 x 72 x 7/8"      |
| Non-support Edge              |            | 8432PB   | 24 x 96 x 7/8"      |
|                               |            | 8434PB   | 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](mailto:TechLine@armstrongceilings.com)

**1 Ctn Min**  
**FAST SIZE**  
**3 WEEKS**  
order to ship

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

7/8" Thick

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

| UL Classified Acoustics | Total Acoustics <sup>1</sup> | Articulation Class | Fire Performance | Light Reflect*   | Anti-Mold/Mildew | Sag Resistant | Certified Low VOC Emissions | CleanAssure™ Disinfectable Panels | DURABILITY | Recycle Program |      |                 |                |
|-------------------------|------------------------------|--------------------|------------------|------------------|------------------|---------------|-----------------------------|-----------------------------------|------------|-----------------|------|-----------------|----------------|
| NRC + CAC =             | AC                           | Class              | Class            | Class            | Class            | Class         | Class                       | Fog                               | Wash*      | Scratch*        | Soil | Recycle Program | 30-Yr Warranty |
| 0.90                    | N/A                          | N/A                | 190              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |
| 0.90                    | N/A                          | N/A                | 190              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |
| 0.90                    | N/A                          | N/A                | 190              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |
| 0.90                    | N/A                          | N/A                | 190              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |
| 0.90                    | N/A                          | N/A                | 190              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |
| N/A                     | N/A                          | N/A                | N/A              | Class 0.88*<br>A | .                | .             | .                           | .                                 | .          | .               | .    | .               | .              |

<sup>1</sup> 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+)

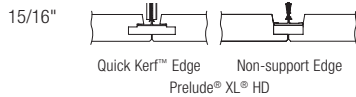
\* Advertised values for light reflectance, wash and scratch resistance are applicable to white tiles only

**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<br>Fixture Trims | Blizzard White<br>(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.

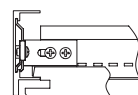
**SUSPENSION SYSTEMS**



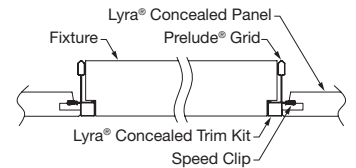
**ACCESSORIES (must be ordered separately)**

| Item No.                                       | Image | 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**



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 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 panels 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.

**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" x 24" are not recommended for full-field installations.

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



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

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

Due to differences in substrate porosity and sheen, grid and panels painted the same color will coordinate but not be an exact match.

**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](http://armstrongceilings.com/cleaning)

**30-Year Performance Guarantee & Warranty**  
When installed with Armstrong® Suspension System. Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

**Weight; Square Feet/Carton**  
8430PB – 0.55 lbs/SF; 75 SF/ctn  
8431PB – 0.55 lbs/SF; 72 SF/ctn  
8433PB, 8432PB – 0.55 lbs/SF; 96 SF/ctn  
8434PB – 0.55 lbs/SF; 64 SF/ctn

**Minimum Order Quantity**  
1 carton