

**new** LYRA® PB Direct Apply  
Acoustical Ceiling and Wall Panels  
with Plant-based Binder  
smooth texture



Lyra PB Direct-Apply ceiling panels in White

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



Lyra PB Direct Apply ceiling panels in Concrete

Lyra® PB Direct Apply Acoustical Ceiling and Wall Panels provide sustainable and acoustical options for a wide variety of applications and install direct-to-structure using adhesive.

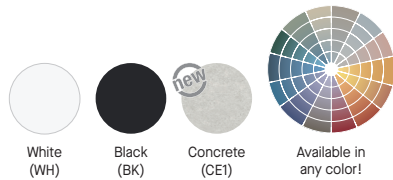
**KEY SELECTION ATTRIBUTES**

- new** • Concrete Visual – Get hidden acoustics with the look of raw concrete
- Lyra PB Direct Apply ceiling panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- High sound absorption – NRC 0.95
- Wall installation – 6' from the floor or higher
- Easy installation to ceilings and walls with recommended adhesive to:
  - Corrugated metal ceiling surfaces
  - Drywall, concrete, and plaster
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- All items are manufactured with a plant-based binder
- Made-to-order sizes and colors available
- 10-Year Limited Panel Warranty against visible sag, mold, and mildew

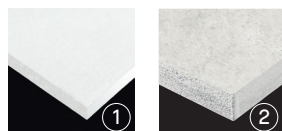
**TYPICAL APPLICATIONS**

- Exposed structure
- Open plenum offices
- Painted decks
- Drywall spaces requiring acoustical correction
- Retail
- Hospitality

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



**DETAILS**



1. Lyra PB Direct Apply – White
2. Lyra PB Direct Apply – Concrete

**LYRA® PB Direct Apply**  
Acoustical Ceiling and Wall Panels  
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**LEED® WELL | LBC**

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

For LEED contribution contact TechLine

LOCATION DEPENDENT

**VISUAL SELECTION**

Item No.	Dimensions Nominal W x L x H (Inches)
LYRA® PB Direct Apply (with Plant-based Binder) 8400PB 8400PBBK 8400PBCE1	24 × 24 × 1"
Square (all sides) 8401PB 8401PBBK 8401PBCE1	24 × 48 × 1"
8402PB 8402PBBK 8402PBCE1	24 × 60 × 1"
8403PB 8403PBBK 8403PBCE1	24 × 72 × 1"
8404PB 8404PBBK 8404PBCE1	48 × 48 × 1"

1" Thick – Direct Apply

Made-to-Order Sizes**	Width (short side)	Length (long side)
1 Ctn Min FASTSIZE 3 WEEKS order to ship	4" – 6" 6-1/16" – 48"	9" – 71-1/2" 9" – 71-1/2"

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

Fire Rating	Light Reflect	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	Fog	Wash*	Impact	Scratch	Soil	10-Yr Warranty
Class A	0.88	*	*	*	*	*	*	*	*	*
Class A	0.88	*	*	*	*	*	*	*	*	*
Class A	0.88	*	*	*	*	*	*	*	*	*
Class A	0.88	*	*	*	*	*	*	*	*	*
Class A	0.88	*	*	*	*	*	*	*	*	*

**ACOUSTICAL INFORMATION**

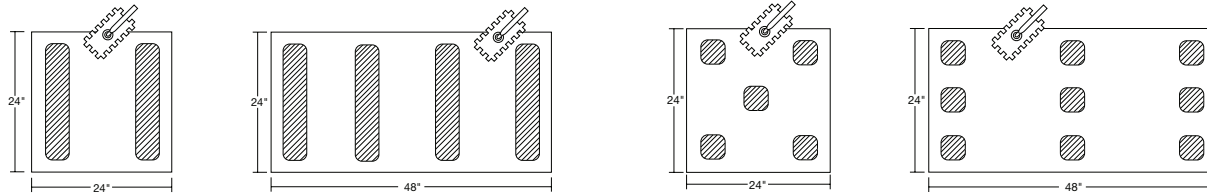
Panel Thickness	NRC	Mounting Method
1"	0.95	D-40
1"	0.80†	A

† Concrete (CE1) A-Mount Acoustical Performance: 0.70

\* Wash attributes do not apply to Black or Concrete-look panel  
\*\* Size limitations are based on sizes included in panel warranty using gluing methods listed in installation instruction. Refer to installation instructions for more details.

**ADHESIVE (By Others)**

**Titebond® GREENchoice™ Acoustical Ceiling Tile Adhesive**



**D-40 Mounting**

Adhesive lines for mounting on corrugated metal decking

**A Mounting**

Adhesive spots for mounting on drywall, concrete, and plaster

**PHYSICAL DATA**

**Material**  
Fiberglass with plant-based binder

**Surface Finish**  
Acoustically transparent membrane 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.

**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 ceiling tile surface.

**VOC Emissions**  
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.

**High Recycled Content**  
Classified as containing 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.

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.

**Installation Considerations**  
Avoid applying Direct Apply panels to a newly painted ceiling. Glossy painted surfaces must be abraded. For painted or sealed surfaces, install a small test area and observe after 12 hours. For plaster ceilings, plaster must be painted, non-chipping, and smooth.

**Application Considerations**  
Variation in pattern and color among panels may occur due to the printing process of concrete look (CE1) panels. Pattern repeat is every 6 ft.

**Insulation Value**  
Lyra PB: R Factor – 4.4 (BTU units);  
R Factor – 0.76 (Watts units)

**Cleaning and Disinfecting**  
Cleaning and CDC-approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

**10-Year Performance Guarantee & Warranty**  
10 year limited panel warranty. Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

**Weight; Square Feet/Carton**  
8400PB, 8400PBBK, 8400PBCE1 – 0.55 LBS/SF; 48 SF/CTN  
8401PB, 8401PBBK, 8401PBCE1, 8404PB, 8404PBBK, 8404PBCE1 – 0.44 LBS/SF; 96 SF/CTN  
8403PB, 8403PBBK, 8403PBCE1 – 0.44 LBS/SF; 72 SF/CTN  
8402PB, 8402PBBK, 8402PBCE1 – 0.44 LBS/SF; 60 SF/CTN

**Minimum Order Quantity**  
1 carton

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EXPOSED STRUCTURE – DIRECT-TO-STRUCTURE