

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



CONTAIN CLEAN PROTECT



▲ Lyra® PB Direct-Apply ceiling panels in White

CAD/Revit® drawings at:
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.

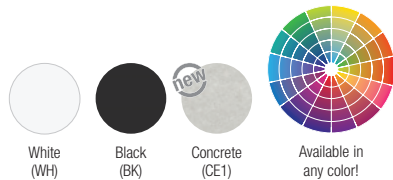
KEY SELECTION ATTRIBUTES

- 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
- new** • 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
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 10-Year Limited Panel Warranty against visible sag, mold, and mildew

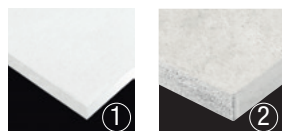
TYPICAL APPLICATIONS

- 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

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LEED® WELL™ LBC

71% RECYCLED CONTENT

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

- 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

VISUAL SELECTION

Item No.	Dimensions Nominal W x L x H (Inches)
LYRA® PB Direct Apply (with Plant-based Binder) Square (all sides)	24 x 24 x 1" □
8400PB 8400PBBK 8400PBCE1	24 x 24 x 1" □
8401PB 8401PBBK 8401PBCE1	24 x 48 x 1" □
8402PB 8402PBBK 8402PBCE1	24 x 60 x 1" □
8403PB 8403PBBK 8403PBCE1	24 x 72 x 1" □
8404PB 8404PBBK 8404PBCE1	48 x 48 x 1" □
1" Thick – Direct Apply	
Made-to-Order Sizes*	Width Length
	12" – 24" 24" – 96"
	24-1/2" – 48" 24" – 71-1/2"

1 Ctn Min
FASTSIZE
3 WEEKS
order to ship

PERFORMANCE

Dots represent high level of performance.

Fire Rating	Light Reflect	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	Fog	Wash	Impact	Scratch	Soil	Recycle Program	10-Yr Warranty
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•
Class A	0.88	•	•	•	•	•	•	•	•	•	•	•

ACOUSTICAL INFORMATION

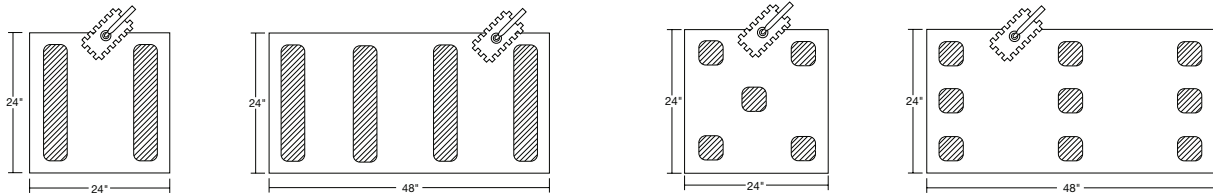
Panel Thickness	NRC	Mounting Method
1"	0.95	D-40
1"	0.80*	A

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

* Size limitations are based on sizes included in panel warranty using gluing methods listed in installation instruction. Refer to BPLA-299100 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.

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

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

10-Year Performance Guarantee & Warranty
10 year limited panel warranty. Details at armstrongceilings.com/warranty

Weight: Square Feet/Carton
8400PB, 8400PBBK, 8400PBCE1, 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



EXPOSED STRUCTURE – DIRECT-TO-STRUCTURE