

LYRA® PB Shapes
for DESIGNFlex®
with Plant-based Binder
Tegular
smooth texture



CONTAIN CLEAN PROTECT



SHAPES



SIZES



COLOR

DESIGNFlex® CEILING SYSTEMS

PERSONALIZE YOUR DESIGN!

Mix and match different sizes, shapes, colors, and materials to reinvent your ceiling. More at: armstrongceilings.com/designflex



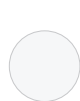
▲ Lyra® PB Shapes panels with Suprafine® XM 9/16" suspension system

Smoothest fiberglass ceiling panels available in shapes, made-to-order sizes, and colors with Sustain® performance. Available to ship in 3 weeks.

KEY SELECTION ATTRIBUTES

- DESIGNFlex® options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Mix and match – Shapes also available in Calla®, Ultima®, Optima®, MetalWorks™, and WoodWorks® panels
- Lyra® PB panels are manufactured with a plant-based binder and are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- new CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- Excellent sound absorption – NRC 0.95
- Light reflectance – 0.88 (white only)
- Shaped lights and diffusers are available from our DESIGNFlex partners. Our lighting partners for TechZone® and MEP partners also provide products that are compatible with the DESIGNFlex® system; other standard modular and pendant fixtures can also be used with this ceiling system
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 10-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

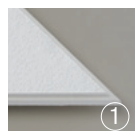


White (WH)

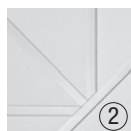


Available in any color!

DETAILS



1



2

- Lyra® PB Shapes Square Tegular
- Lyra® PB Shapes Square Tegular with Suprafine® XM 9/16" suspension system

These colors are pre-qualified to meet Sustain® portfolio requirements.



Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.

Start your design process with a visit to our online pattern gallery at: armstrongceilings.com/patterngallery

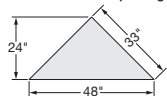
See dozens of pre-designed patterns and colors online in our pattern gallery. We've provided all of the details – from takeoffs showing 2' or 4' on-center spacing to panels, suspension, trims, and accessories. Installation instructions answer questions typically associated with unique ceiling installations. Lighting and air diffusers can also be easily integrated. If you can't find the ceiling pattern you envision for your next space online, call us and we'll help you create a design to personalize your space – 1 877 276-7876.



These 9 Lyra® PB Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

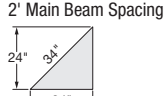
45° SHAPES
Triangles

2' Main Beam Spacing



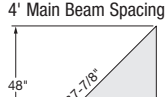
Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100001	Triangle 24 x 48 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

Right Triangle –
2' Main Beam Spacing



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100008	Right Triangle – 24 x 24 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

Right Triangle –
4' Main Beam Spacing



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100009	Right Triangle – 48 x 48 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

60° SHAPES
Triangles

2' Main Beam Spacing



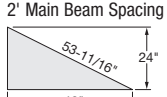
Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100002	Triangle 24 x 24 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

4' Main Beam Spacing



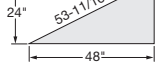
Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100003	Triangle 48 x 48 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

Right Triangle –
2' Main Beam Spacing



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100006	Right Triangle – Left 24 x 48 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

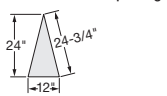
Right Triangle –
Right



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100007	Right Triangle – Right 24 x 48 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

75° SHAPES
Triangles

2' Main Beam Spacing



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100004	Triangle 24 x 12 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

4' Main Beam Spacing



Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
100005	Triangle 48 x 24 x 1"	NRC + CAC = NRC + CAC 0.95 N/A -

MORE ITEMS ▶

¹ 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+)

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 25 or less. Smoke Developed Index 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 tiles 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 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.

Seismic Restraint
Suprafine® XM for Shapes suspension systems have been engineered, tested, and approved for use with DESIGNflex® Shapes panels for application in all seismic areas when installed per Armstrong® Ceilings installation instructions. For more details, visit armstrongceilings.com/shapesinstallation

Insulation Value
R Factor – 4.4 (BTU units); R Factor – 0.76 (Watts units)

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



Design Consideration
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.

Cleaning and Disinfecting
Cleaning and CDC recommended disinfecting options available on armstrongceilings.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Pieces/Carton
100004 – 0.4 lbs/pc; 24 pcs/ctn
100002 – 0.8 lbs/pc; 12 pcs/ctn
100008 – 0.8 lbs/pc; 24 pcs/ctn
100001, 100005 – 1.6 lbs/pc; 12 pcs/ctn
100006, 100007 – 1.6 lbs/pc; 24 pcs/ctn
100003 – 3.2 lbs/pc; 6 pcs/ctn
100009 – 3.2 lbs/pc; 12 pcs/ctn

Minimum Order Quantity
1 carton



LYRA® PB Shapes
for DESIGNFlex®
with Plant-based Binder
Tegular
smooth texture

SUSTAIN®
High Performance
Sustainable Ceiling Systems
GREENGUARD
Gold Certified
(details below)

LEED® WELL | LBC

71% RECYCLED CONTENT

energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/extended 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

Declare.

PANEL OPTIONS (shown in finish view from below ceiling)

These 10 Lyra® PB Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Parallelograms

2' Main Beam Spacing

Item No. **100014** Right Parallelogram 24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

Item No. **100015** Left Parallelogram 24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

60° SHAPES

Parallelograms

2' Main Beam Spacing

Item No. **100016** Right Parallelogram 24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

Item No. **100017** Left Parallelogram 24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

4' Main Beam Spacing

Item No. **100018** Right Parallelogram 48 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

Item No. **100019** Left Parallelogram 48 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

75° SHAPES

Parallelograms

2' Main Beam Spacing

Item No. **100020** Right Parallelogram 24 x 12 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

Item No. **100021** Left Parallelogram 24 x 12 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

4' Main Beam Spacing

Item No. **100022** Right Parallelogram 48 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

Item No. **100023** Left Parallelogram 48 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

¹ 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+)

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 25 or less. Smoke Developed Index 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 tiles 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 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.

Seismic Restraint
Suprafine® XM for Shapes suspension systems have been engineered, tested, and approved for use with DESIGNFlex® Shapes panels for application in all seismic areas when installed per Armstrong® Ceilings installation instructions. For more details, visit armstrongceilings.com/shapesinstallation

Insulation Value
R Factor - 4.4 (BTU units)
R Factor - 0.76 (Watts units)

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



Design Consideration

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.

Cleaning and Disinfecting
Cleaning and CDC recommended disinfecting options available on armstrongceilings.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Pieces/Carton
100020, 100021 - 0.8 lbs/pc; 24 pcs/ctn
100016, 100017 - 1.6 lbs/pc; 12 pcs/ctn
100014, 100015, 100022, 100023 - 3.2 lbs/pc; 12 pcs/ctn
100118, 100119 - 6.4 lbs/pc; 6 pcs/ctn

Minimum Order Quantity
1 carton



DESIGNFlex® SHAPES

LYRA® PB Shapes for DESIGNflex®

with Plant-based Binder
Tegular
smooth texture

SUSTAIN®
High Performance
Sustainable Ceiling Systems

**GREENGUARD
Gold Certified**
(details below)

Declare.

LEED® WELL | LBC

71% RECYCLED CONTENT

energy management construction waste mgmt regional materials design for flexibility EPD recyclable/recycled content biobased materials recycled content sourcing of raw materials material ingredient reporting low emitting materials lighting quality acoustics

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

PANEL OPTIONS (shown in finish view from below ceiling)

These 4 Lyra® PB Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Trapezoids

2' Main Beam Spacing

Item No. **100010** Description/Dimensions (Inches) Trapezoid 24 x 96 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

60° SHAPES

Trapezoids

2' Main Beam Spacing

Item No. **100011** Description/Dimensions (Inches) Trapezoid 24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

75° SHAPES

Trapezoids

2' Main Beam Spacing

Item No. **100012** Description/Dimensions (Inches) Trapezoid 24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

4' Main Beam Spacing

Item No. **100013** Description/Dimensions (Inches) Trapezoid 48 x 48 x 1"

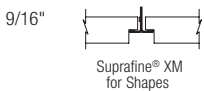
Total Acoustics¹

NRC + CAC = NRC + CAC

0.95 N/A -

¹ 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+)

SUSPENSION SYSTEMS



PARTNER COMPANIES

For more information on our partner companies, please visit armstrongceilings.com/partners

Compatible with:
Axis Geometrix™ Lighting,
JLC-Tech T-BAR FLEX LED
Lights and Price diffusers.



Shaped infill panels are available for applicable lighting fixtures. Add **L | N | E** to the end of any Shape panel item number to order. Metal diffuser inflills are available from the diffuser manufacturer.

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 25 or less. Smoke Developed Index 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 tiles 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 Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol

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



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.

Seismic Restraint
Suprafine® XM for Shapes suspension systems have been engineered, tested, and approved for use with DESIGNflex® Shapes panels for application in all seismic areas when installed per Armstrong® Ceilings installation instructions. For more details, visit armstrongceilings.com/shapesinstallation

Insulation Value
R Factor – 4.4 (BTU units)
R Factor – 0.76 (Watts units)

Design Consideration
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.

Cleaning and Disinfecting
Cleaning and CDC recommended disinfecting options available on armstrongceilings.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Pieces/Carton
100012 – 1.2 lbs/pc; 12 pcs/ctn
100011 – 2.4 lbs/pc; 12 pcs/ctn
100010, 100013 – 4.8 lbs/pc; 6 pcs/ctn

Minimum Order Quantity
1 carton



LYRA® PB Shapes

for DESIGNFlex®

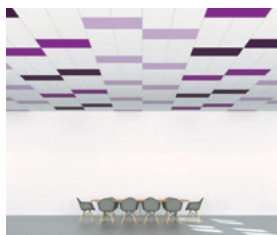
with Plant-based Binder

Tegular

smooth texture



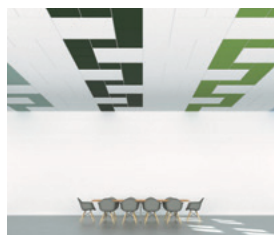
Online pattern gallery at armstrongceilings.com/patterngallery



DESIGNFlex Shapes – Pattern SR 1



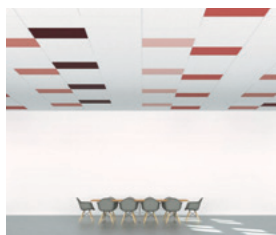
DESIGNFlex for FORMATIONS
Squares & Rectangles – Pattern FCSR 1



DESIGNFlex Shapes – Pattern SR 2



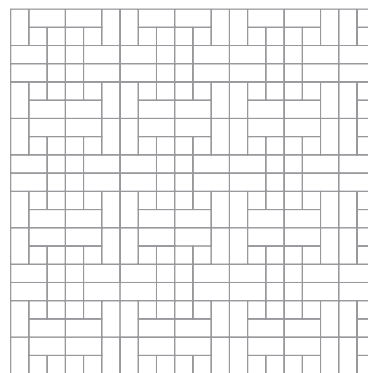
DESIGNFlex Shapes – Pattern SR 3



DESIGNFlex Shapes – Pattern SR 4



DESIGNFlex Shapes – Pattern SR 5



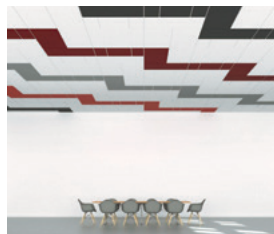
DESIGNFlex Shapes Pattern – SR2



DESIGNFlex Shapes – Pattern SR 6



DESIGNFlex for FORMATIONS
Squares & Rectangles – Pattern FCSR 6



DESIGNFlex Shapes – Pattern SR 7



DESIGNFlex® SHAPES

TechLine 877 276-7876
armstrongceilings.com/lyrashapes



DESIGNFlex® Suspension Systems & Accessories

LYRA® Shapes panels






Declare.

SUSPENSION SYSTEMS COMPONENTS & ACCESSORIES System utilizes Suprafine® XL® main beams

45° SHAPES

Item No.	Description
75AB45L	Suprafine® 45° Left Angle Bracket 
75AB45R	Suprafine® 45° Right Angle Bracket 
75AB45D	Suprafine® 45° Double Angle Bracket 
75CB45	Suprafine® 45° Corner Bracket
XM754524	Suprafine® 45° Base Cross Tee – 24" Main Beam Spacing
XM754548	Suprafine® 45° Base Cross Tee – 48" Main Beam Spacing
XM7524	Suprafine® Perimeter Cross Tee – 24" Main Beam Spacing
XM7548	Suprafine® Perimeter Cross Tee – 48" Main Beam Spacing
PCC	Axiom® Perimeter Corner Clip 
PAC	Perimeter Angle Clip 

60° SHAPES

Item No.	Description
75AB60L	Suprafine® 60° Left Angle Bracket 
75AB60R	Suprafine® 60° Right Angle Bracket 
75AB60D	Suprafine® 60° Double Angle Bracket 
75CB60L	Suprafine® 60° Corner Bracket – Left
75CB60R	Suprafine® 60° Corner Bracket – Right
XM756024	Suprafine® 60° Base Cross Tee – 24" Main Beam Spacing
XM756048	Suprafine® 60° Base Cross Tee – 48" Main Beam Spacing
XM7524	Suprafine® Perimeter Cross Tee – 24" Main Beam Spacing
XM7548	Suprafine® Perimeter Cross Tee – 48" Main Beam Spacing
PCC	Axiom® Perimeter Corner Clip 
PAC	Perimeter Angle Clip 

75° SHAPES

Item No.	Description
75AB75L	Suprafine® 75° Left Angle Bracket 
75AB75R	Suprafine® 75° Right Angle Bracket 
75AB75D	Suprafine® 75° Double Angle Bracket 
XM757524	Suprafine® 75° Base Cross Tee – 24" Main Beam Spacing
XM757548	Suprafine® 75° Base Cross Tee – 48" Main Beam Spacing
XM7524	Suprafine® Perimeter Cross Tee – 24" Main Beam Spacing
XM7548	Suprafine® Perimeter Cross Tee – 48" Main Beam Spacing
PCC	Axiom® Perimeter Corner Clip 
PAC	Perimeter Angle Clip 

For additional suspension components, trims, and clips, please consult the full installation instructions at www.armstrongceilings.com/shapesinstallation

