LYRA® Shapes for DESIGNFlex™

new

with Plant-based Binder

Tegular
smooth texture

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

DESIGNFlex™
A New World of Choice
for Ceiling Systems

DESIGNFlex™
CEILING SYSTEMS

SHAPES SIZES COLOR

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

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

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

KEY SELECTION ATTRIBUTES

new
- DesignFlex™ options include shapes, tailor-made sizes, and colors available to ship in 3 weeks
- Mix and match – Shapes also available in Calla®, Ultima®, Optima®, and MetalWorks™ panels

- Lyra® panels are manufactured with a plant-based binder and are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Excellent sound absorption – NRC (0.95)

- Light reflectance – 0.88 (white only)
- Lighting and MEP integration with TechZone® or with shaped lights and diffusers available through one of our partner companies or with standard modular and pendant lights

- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
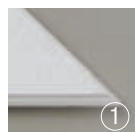- 10-Year Limited System Warranty against visible sag, mold, and mildew

COLOR

White
(WH)

Available in
any color!

DETAILS

1. Lyra® Shapes Square Tegular
2. Lyra® Shapes Square Tegular with Suprafine® XM 9/16" suspension system

① ②

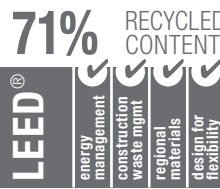**Armstrong®**
CEILING & WALL SOLUTIONS

PLANT BASED BINDER

Declare℠
Living Building
Challenge Compliant

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

71% RECYCLED CONTENT
Calculate LEED contribution at
armstrongceilings.com/greengenie

LEED®	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

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 take offs 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-ARMSTRONG.

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

45° SHAPES

Triangles

2' Main Beam Spacing
24", 33", 48"

100001 Triangle
24 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

Right Triangles – 2' Main Beam Spacing
24", 34", 24"

100008 Right Triangle – Right
24 x 24 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

Right Triangle – 4' Main Beam Spacing
48", 67-7/8", 48"

100009 Right Triangle – Right
48 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

60° SHAPES

Triangles

2' Main Beam Spacing
24", 26-7/8", 24"

100002 Triangle
24 x 24 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

4' Main Beam Spacing
48", 53-11/16", 48"

100003 Triangle
48 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

Right Triangles – 2' Main Beam Spacing
53-11/16", 24", 48"

100006 Right Triangle – Left
24 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

24", 53-11/16", 48"

100007 Right Triangle – Right
24 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

75° SHAPES

Triangles

2' Main Beam Spacing
24", 24-3/4", 12"

100004 Triangle
24 x 12 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

4' Main Beam Spacing
48", 49-1/2", 24"

100005 Triangle
48 x 24 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

[1] Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance 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+)

Armstrong®
CEILING & WALL SOLUTIONS

DESIGNFlex™

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smooth texture

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LEED®

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

PANEL OPTIONS (shown in finish view from below ceiling)

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

45° SHAPES

Item No.	Description/Dimensions (Inches)

Parallelograms

2' Main Beam Spacing

100014 Right Parallelogram 24 x 48 x 1"

24" · 48" · 53"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

100015 Left Parallelogram 24 x 48 x 1"

24" · 48" · 35"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

60° SHAPES

Item No.	Description/Dimensions (Inches)

Parallelograms

2' Main Beam Spacing

100016 Right Parallelogram 24 x 24 x 1"

24" · 24" · 26-7/8"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

100017 Left Parallelogram 24 x 24 x 1"

24" · 24" · 26-7/8"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

4' Main Beam Spacing

100118 Right Parallelogram 48 x 48 x 1"

48" · 48" · 53-11/16"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

100119 Left Parallelogram 48 x 48 x 1"

48" · 48" · 53-11/16"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

75° SHAPES

Item No.	Description/Dimensions (Inches)

Parallelograms

2' Main Beam Spacing

100020 Right Parallelogram 24 x 12 x 1"

24" · 24-3/4" · 12"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

100021 Left Parallelogram 24 x 12 x 1"

24" · 24-3/4" · 12"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

4' Main Beam Spacing

100022 Right Parallelogram 48 x 24 x 1"

48" · 49-1/2" · 24"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

100023 Left Parallelogram 48 x 24 x 1"

48" · 49-1/2" · 24"

Total Acoustics¹

NRC + CAC = NRC+CAC
0.95 ● | N/A | –

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¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance 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+)

DESIGNFlex™

new

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▲ LOCATION DEPENDENT

PANEL OPTIONS (shown in finish view from below ceiling)

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

45° SHAPES	Item No.	Description/Dimensions (Inches)
Trapezoids		
2' Main Beam Spacing	**100010**	Trapezoid 24 x 96 x 1"

24", 32-15/16", 48"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

60° SHAPES	Item No.	Description/Dimensions (Inches)
Trapezoids		
2' Main Beam Spacing	**100011**	Trapezoid 24 x 48 x 1"

24", 26-7/8", 48"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

75° SHAPES	Item No.	Description/Dimensions (Inches)
Trapezoids		
2' Main Beam Spacing	**100012**	Right Parallelogram 24 x 12 x 1"

24", 24-3/4", 24"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

	Item No.	Description/Dimensions (Inches)
4' Main Beam Spacing	**100013**	Trapezoid 48 x 48 x 1"

48", 49-1/2", 48"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.95 ●		N/A		–

[1] Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance 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
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.

Mold/Mildew Protection
Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, 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)

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

Weight; Pieces/Carton
100004 – 0.4 lbs/pc; 24 pcs/ctn
100002 – 0.8 lbs/pc; 12 pcs/ctn
100008, 100020, 100021 – 0.8 lbs/pc; 24 pcs/ctn
100012 – 1.2 lbs/pc; 12 pcs/ctn
100001, 100005, 100016, 100017 – 1.6 lbs/pc; 12 pcs/ctn
100006, 100007 – 1.6 lbs/pc; 24 pcs/ctn
100011 – 2.4 lbs/pc; 12 pcs/ctn
100003 – 3.2 lbs/pc; 6 pcs/ctn
100009, 100014, 100015, 100022, 100023 – 3.2 lbs/pc; 12 pcs/ctn
100010, 100013 – 4.8 lbs/pc; 6 pcs/ctn
100018, 100019 – 6.4 lbs/pc; 6 pcs/ctn

Minimum Order Quantity
1 carton

TechLine 877 276-7876

armstrongceilings.com/designflex

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DESIGNFlex™

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Tegular
smooth texture

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
For additional product details see the Suprafine® XM for DesignFlex™ Shapes data page.

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

Compatible with: Axis Lighting, and Price.

axis

price®

Shaped infill panels are available for applicable lighting and diffuser fixtures.
Add L I F to the end of any Shape panel item number to order.

SUSPENSION SYSTEMS

9/16"

Suprafine® XM for Shapes

Armstrong® CEILING & WALL SOLUTIONS

DESIGNFlex™

NRC | AC