

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

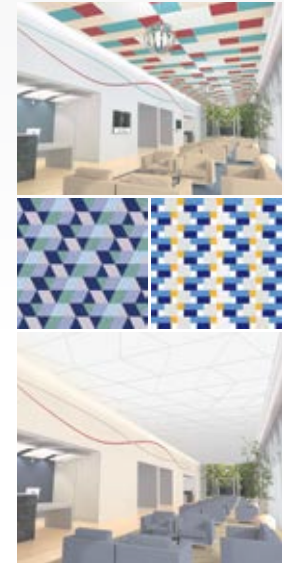


DESIGNFlex™
CEILING SYSTEMS



Personalize Your Design!

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



Lyra® Shapes panels with Suprafine® XM 9/16" suspension system (Pgs. 160-161)

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

KEY SELECTION ATTRIBUTES

- DESIGNFlex™ options include shapes, 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 – White and 13 Sustain colors only (colors on Pg. 274)
- Excellent sound absorption – NRC (0.95)
- Light reflectance – 0.88 (white only)
- Shaped lights and diffusers are available from our DESIGNFlex™ partners. Our TechZone® lighting 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

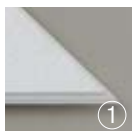


White (WH)

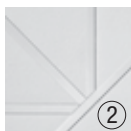


Available in any color!

DETAILS



1

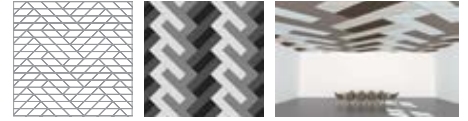


2

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

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

45° SHAPES

Triangles

2' Main Beam Spacing **100001** Triangle
24 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

Right Triangle – 2' Main Beam Spacing **100008** Right Triangle –
24 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

Right Triangle – 4' Main Beam Spacing **100009** Right Triangle –
48 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

60° SHAPES

Triangles

2' Main Beam Spacing **100002** Triangle
24 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

4' Main Beam Spacing **100003** Triangle
48 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

Right Triangle – 2' Main Beam Spacing **100006** Right Triangle –
Left 24 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

Right Triangle – Right 24 x 48 x 1" **100007** Right Triangle –
Right 24 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

75° SHAPES

Triangles

2' Main Beam Spacing **100004** Triangle
24 x 12 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

4' Main Beam Spacing **100005** Triangle
48 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

MORE ITEMS ▶

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

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



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.

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 – 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





GREENGUARD
Gold Certified
(details below)



Declare™
Living Building
Challenge Compliant

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

71% RECYCLED CONTENT

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

Calculate LEED contribution at armstrongceilings.com/greengene

LOCATION DEPENDENT

Tegular
smooth texture

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

Parallelograms

2' Main Beam Spacing

100014 Right Parallelogram 24 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

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

100016 Right Parallelogram 24 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

100017 Left Parallelogram 24 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

4' Main Beam Spacing

100018 Right Parallelogram 48 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

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

100020 Right Parallelogram 24 x 12 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

100021 Left Parallelogram 24 x 12 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

4' Main Beam Spacing

100022 Right Parallelogram 48 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

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 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

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



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.

10-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com/shapesinstallation

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
100018, 100019 – 6.4 lbs/pc; 6 pcs/ctn

Minimum Order Quantity

1 carton



Tegular
smooth texture

PANEL OPTIONS (shown in finish view from below ceiling)



**PLANT
BASED
BINDER**

Declare™
Living Building
Challenge Compliant



SUSTAIN™
High Performance
Sustainable
Ceiling Systems

71% RECYCLED CONTENT

LEED®

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- bio-based materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

LOCATION DEPENDENT

Calculate LEED contribution at armstrongceilings.com/greengenie

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

45° SHAPES

Trapezoids

2' Main Beam Spacing

100010 Trapezoid
24 x 96 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

60° SHAPES

Trapezoids

2' Main Beam Spacing

100011 Trapezoid
24 x 48 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

75° SHAPES

Trapezoids

2' Main Beam Spacing

100012 Trapezoid
24 x 24 x 1"

Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

4' Main Beam Spacing

100013 Trapezoid
48 x 48 x 1"

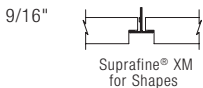
Total Acoustics¹

NRC	+	CAC	=	NRC + CAC
0.95		N/A		-

¹ Total Acoustics® ceiling panels have an ideal combination of 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+)

Suprafine® XM suspension components, trim, and clips can be found on Pgs. 160-161.

SUSPENSION SYSTEMS



PARTNER COMPANIES

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



Shaped infill panels are available for applicable lighting fixtures. Add **LINF** to the end of any Shape panel item number to order. Metal diffuser infills 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**
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
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Seismic Restraint
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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.

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

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

TechLine / 1 877 276-7876
armstrongceilings.com/designflex
(search: lyrashapes)

BPCS-5806-119

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