

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



SHAPES



SIZES



COLOR

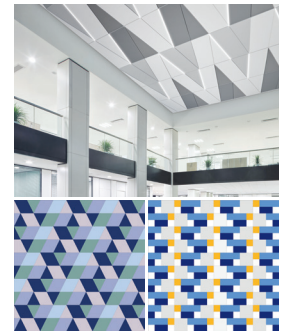
DESIGNFLEX® CEILING SYSTEMS

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

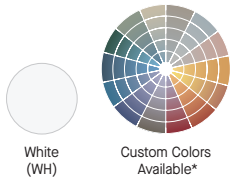


Smoothest fiberglass ceiling panels available in shapes, made-to-order sizes, and colors with Sustain® performance. Available to ship in 3 weeks.

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
- 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
- 10-Year Limited System Warranty against visible sag, mold, and mildew
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

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



*Standard colors are pre-qualified to meet Sustain® portfolio requirements. Custom colors may need to be evaluated if sustainability criteria is required.

DETAILS



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

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

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.

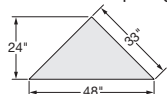


These 9 Lyra® PB Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/
Dimensions
(Inches)

100001 Triangle
24 x 48 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

Right Triangle –
2' Main Beam Spacing



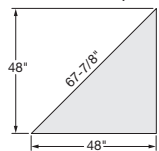
100008 Right Triangle –
24 x 24 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

Right Triangle –
4' Main Beam Spacing



100009 Right Triangle –
48 x 48 x 1"

Total Acoustics¹

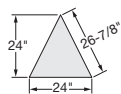
$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

60° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/
Dimensions
(Inches)

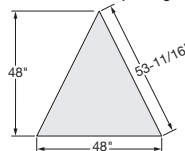
100002 Triangle
24 x 24 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

4' Main Beam Spacing



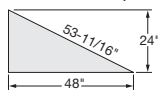
100003 Triangle
48 x 48 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

Right Triangle –
2' Main Beam Spacing

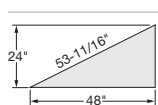


100006 Right Triangle –
Left
24 x 48 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -



100007 Right Triangle –
Right
24 x 48 x 1"

Total Acoustics¹

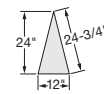
$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

75° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/
Dimensions
(Inches)

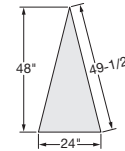
100004 Triangle
24 x 12 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.95 N/A -

4' Main Beam Spacing



100005 Triangle
48 x 24 x 1"

Total Acoustics¹

$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

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 B, Form B2, Pattern G; 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

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)

Design Consideration

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.

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
Regular
smooth texture



Declare.

RECYCLED
CONTENT
UP TO
71%

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

PANEL OPTIONS (shown in finish view from below ceiling)

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

45° SHAPES

Parallelograms

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100014	Right Parallelogram 24 x 48 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100015	Left Parallelogram 24 x 48 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

60° SHAPES

Parallelograms

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100016	Right Parallelogram 24 x 24 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100017	Left Parallelogram 24 x 24 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

4' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100018	Right Parallelogram 48 x 48 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

4' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100019	Left Parallelogram 48 x 48 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

75° SHAPES

Parallelograms

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100020	Right Parallelogram 24 x 12 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

2' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100021	Left Parallelogram 24 x 12 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

4' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100022	Right Parallelogram 48 x 24 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			0.95 N/A -

4' Main Beam Spacing	Item No.	Description/ Dimensions (Inches)	Total Acoustics ¹
	100023	Left Parallelogram 48 x 24 x 1"	$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
			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 B, Form B2, Pattern G; 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

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)

Design Consideration

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.

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

TechLine 877 276-7876

armstrongceilings.com/lyrashapes

Armstrong®
World Industries

COMMON MATERIALS FRAMEWORK

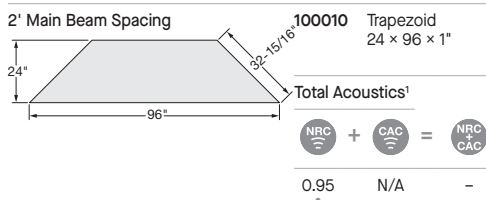
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

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:

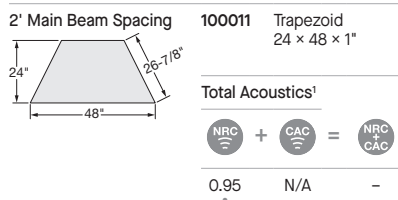
45° SHAPES

Trapezoids



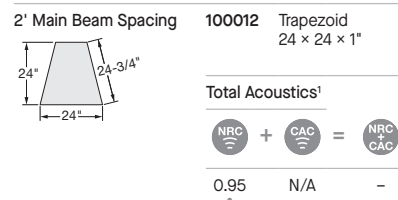
60° SHAPES

Trapezoids

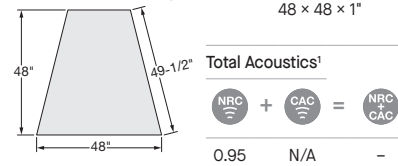


75° SHAPES

Trapezoids

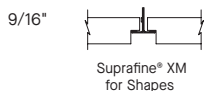


4' Main Beam Spacing



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®
AND T-BAR LED® Lights
and Price diffusers.



Shaped infill panels are available for applicable lighting fixtures. Add **L I N E** 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

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 B, Form B2, Pattern G; 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

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)

Design Consideration

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.

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

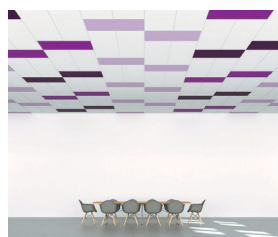
Weight; Pieces/Cartron

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



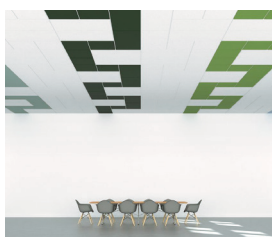
Online pattern gallery at armstrongceilings.com/patterngallery



DesignFlex Shapes - Pattern SR 1



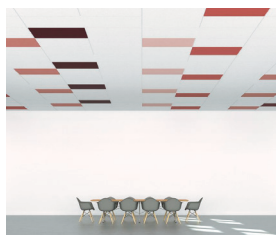
DesignFlex for Formations™
Squares & Rectangles - Pattern FCSR 1



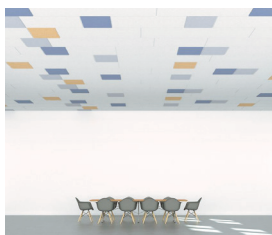
DesignFlex Shapes - Pattern SR 2



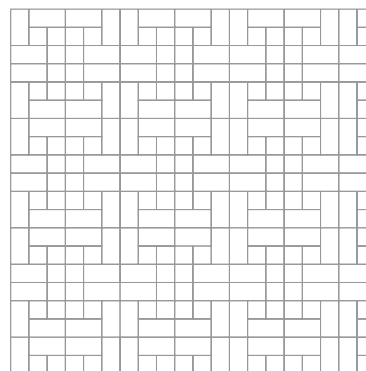
DesignFlex Shapes - Pattern SR 3



DesignFlex Shapes - Pattern SR 4



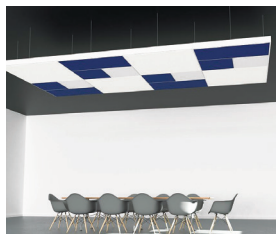
DesignFlex Shapes - Pattern SR 5



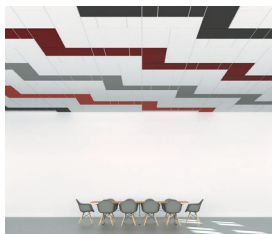
DesignFlex Shapes Pattern - SR2



DesignFlex Shapes - Pattern SR 6



DesignFlex for FORMATIONS
Squares & Rectangles - Pattern FCSR 6



DesignFlex Shapes - Pattern SR 7

DesignFlex® Suspension Systems & Accessories

LYRA® Shapes panels

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