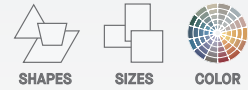


CALLA® Shapes for DESIGNFLEX®

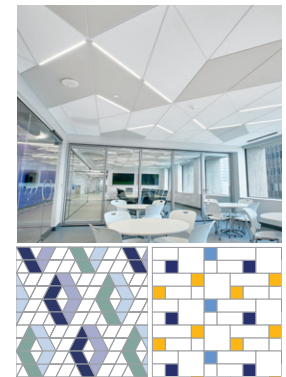
Tegular
smooth texture



DESIGNFLEX® CEILING SYSTEMS

PERSONALIZE YOUR DESIGN!

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



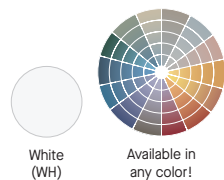
Calla® Shapes panels with Suprafine® XM 9/16" suspension system

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

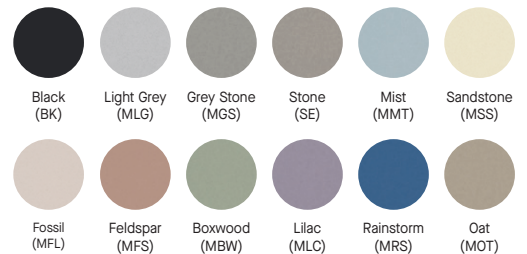
KEY SELECTION ATTRIBUTES

- DesignFlex® options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Mix and match – Shapes also available with Lyra®, Ultima®, Optima®, MetalWorks™, and WoodWorks® panels
- Get total sound absorption and floor plan versatility with Total Acoustics® ceiling panel options: NRC + CAC = Total Acoustics Performance
- Calla® panels 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
- Light reflectance – 0.85 (white only)
- Mold- and mildew-resistant surface
- 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
- USDA-Certified Biobased Product – 91%
- Washable, 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

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



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.

DETAILS



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

TechLine 877 276-7876
armstrongceilings.com/callashapes

Armstrong®
World Industries

CALLA® Shapes for DESIGNFLEX®

Tegular smooth texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 91%

Declare.

SUSTAIN® High Performance Sustainable Ceiling Systems

GREENGUARD Gold Certified (details below)

LEED® WELL™ LBC

UP TO 85% RECYCLED CONTENT

- 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

Calculate sustainability with Green Genie® armstrongceilings.com/greengenie

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 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.

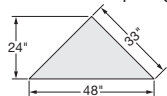


These 9 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/Dimensions (Inches)

100100 Triangle 24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 31 -

Right Triangle – 2' Main Beam Spacing



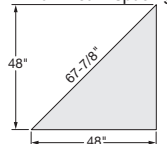
100107 Right Triangle – 24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -

Right Triangle – 2' Main Beam Spacing



100108 Right Triangle – 48 x 48 x 1"

Total Acoustics¹

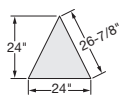
NRC + CAC = NRC + CAC

0.80 35 BEST

60° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/Dimensions (Inches)

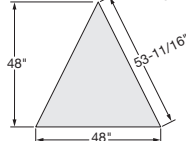
100101 Triangle 24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -

4' Main Beam Spacing



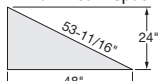
100102 Triangle 48 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 35 BEST

Right Triangle – 2' Main Beam Spacing

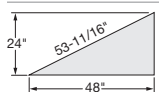


100105 Right Triangle – Left 24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -



100106 Right Triangle – Right 24 x 48 x 1"

Total Acoustics¹

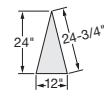
NRC + CAC = NRC + CAC

0.80 N/A -

75° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/Dimensions (Inches)

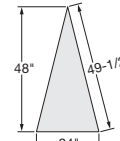
100103 Triangle 24 x 12 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -

4' Main Beam Spacing



100104 Triangle 48 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 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+)

[MORE ITEMS](#)

PHYSICAL DATA

Material

Wet-formed mineral fiber 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 IV, 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 – 2.9 (BTU units); R Factor – 0.445 (Watts units)

Design Consideration

Physical product samples for standard and custom colors are available upon request. Please refer to the physical

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



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

100103 – 1.1 lbs/pc; 24 pcs/ctn
100101 – 2.2 lbs/pc; 12 pcs/ctn
100107 – 2.2 lbs/pc; 24 pcs/ctn
100102, 100108 – 8.8 lbs/pc; 6 pcs/ctn
100100, 100104, 100105, 100106 – 8.8 lbs/pc; 12 pcs/ctn

Minimum Order Quantity

1 carton

Armstrong®
World Industries

TechLine 877 276-7876

armstrongceilings.com/callashapes

NRC + CAC



DESIGNFLEX® SHAPES

CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 91%

SUSTAIN®
High Performance
Sustainable Ceiling Systems

GREENGUARD
Gold Certified
(details below)

Declare.

LEED®
WELL | LBC

UP TO **85%** 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

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

PANEL OPTIONS (shown in finish view from below ceiling)

These 8 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Parallelograms

2' Main Beam Spacing

100112 Right Parallelogram
24 x 48 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 35$ = $\text{NRC} = 0.80$ / $\text{CAC} = 35$ = **BEST**

100113 Left Parallelogram
24 x 48 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 35$ = $\text{NRC} = 0.80$ / $\text{CAC} = 35$ = **BEST**

60° SHAPES

Parallelograms

2' Main Beam Spacing

100114 Right Parallelogram
24 x 24 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 31$ = $\text{NRC} = 0.80$ / $\text{CAC} = 31$ = -

100115 Left Parallelogram
24 x 24 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 31$ = $\text{NRC} = 0.80$ / $\text{CAC} = 31$ = -

75° SHAPES

Parallelograms

2' Main Beam Spacing

100116 Right Parallelogram
24 x 12 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = \text{N/A}$ = $\text{NRC} = 0.80$ / $\text{CAC} = -$ = -

100117 Left Parallelogram
24 x 12 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = \text{N/A}$ = $\text{NRC} = 0.80$ / $\text{CAC} = -$ = -

4' Main Beam Spacing

100118 Right Parallelogram
48 x 24 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 35$ = $\text{NRC} = 0.80$ / $\text{CAC} = 35$ = **BEST**

100119 Left Parallelogram
48 x 24 x 1"

Total Acoustics¹

$\text{NRC} = 0.80$ + $\text{CAC} = 35$ = $\text{NRC} = 0.80$ / $\text{CAC} = 35$ = **BEST**

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
Wet-formed mineral fiber 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 IV, 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 – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

Design Consideration
Physical product samples for standard and custom colors are available upon request. Please refer to the physical product sample

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



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/warranty

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

Weight; Pieces/Carton
100116, 100117 – 2.2 lbs/pc; 24 pcs/ctn
100114, 100115 – 4.4 lbs/pc; 12 pcs/ctn
100112, 100113, 100118, 100119 – 8.8 lbs/pc; 6 pcs/ctn

Minimum Order Quantity
1 carton



DESIGNFLEX® SHAPES

CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 91%

Declare.

SUSTAIN®
High Performance
Sustainable Ceiling Systems

**GREENGUARD
Gold Certified**
(details below)

LEED® WELL | LBC

UP TO **85% RECYCLED CONTENT**

Calculate sustainability with Green Genie™
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

LOCATION DEPENDENT

PANEL OPTIONS (shown in finish view from below ceiling)

These 3 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Trapezoids

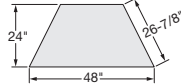
Item No. Description/
Dimensions (Inches)

No Trapezoids available in 45° shapes

60° SHAPES

Trapezoids

2' Main Beam Spacing



Item No. Description/
Dimensions (Inches)

100109 Trapezoid
24 x 48 x 1"

Total Acoustics¹

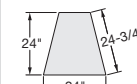
$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.80 35 BEST

75° SHAPES

Trapezoids

2' Main Beam Spacing



Item No. Description/
Dimensions (Inches)

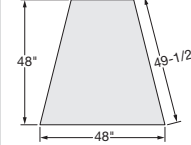
100110 Right
Parallelogram
24 x 24 x 1"

Total Acoustics¹

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

0.80 31 -

4' Main Beam Spacing



100111 Trapezoid
48 x 48 x 1"

Total Acoustics¹

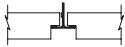
$$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$$

0.80 35 BEST

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

9/16"



Suprafine® XM
for Shapes

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 I N E** to the end of any Shape panel item number to order. Metal diffuser infls are available from the diffuser manufacturer.

PHYSICAL DATA

Material

Wet-formed mineral fiber 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 IV, 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 – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

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FOR LOW CHEMICAL
EMISSIONS**
UL.COM/GG
UL 2818



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

100110 – 3.3 lbs/pc; 12 pcs/ctn
100109 – 6.6 lbs/pc; 8 pcs/ctn
100111 – 13.2 lbs/pc; 4 pcs/ctn

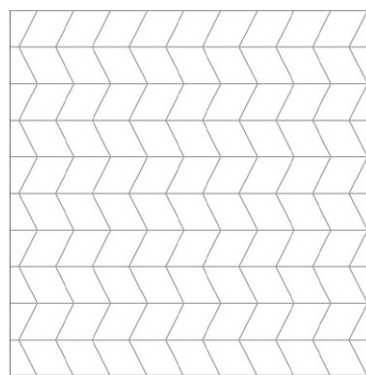
Minimum Order Quantity
1 carton



CALLA® Shapes for DESIGNFLEX®

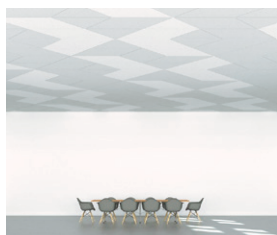
Tegular
smooth texture

NRC
+
CAC



Online pattern gallery at armstrongceilings.com/patterngallery

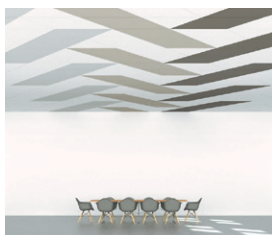
DesignFlex Shapes Pattern – SH2



DesignFlex Shapes – Pattern SH 1



DesignFlex Shapes – Pattern SH 2



DesignFlex Shapes – Pattern SH 3



DesignFlex Shapes – Pattern SH 4



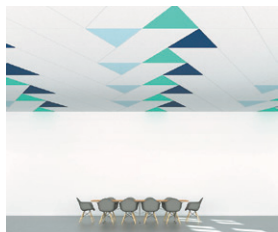
DesignFlex Shapes – Pattern SH 5



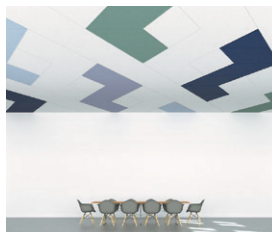
DesignFlex for FORMATIONS
Shapes – Pattern FCSH 5



DesignFlex Shapes – Pattern SH 6



DesignFlex Shapes – Pattern SH 7



DesignFlex Shapes – Pattern SH 8

DESIGNFLEX® SHAPES

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armstrongceilings.com/callashapes

Armstrong®
World Industries





DESIGNFLEX® Suspension Systems & Accessories

CALLA® 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



DESIGNFLEX® SHAPES – Accessories