

**CALLA® Shapes**  
for DESIGNFlex™  
Tegular  
smooth texture

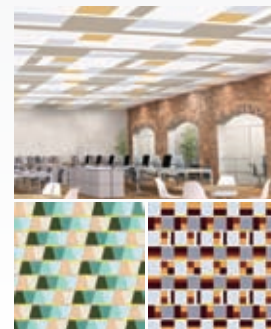


**DESIGNFlex™**  
CEILING SYSTEMS



**Personalize Your Design!**

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



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

**KEY SELECTION ATTRIBUTES**



- DesignFlex™ options include shapes, tailor-made sizes, and colors available to ship in 3 weeks
- Mix and match – Shapes also available with Lyra®, Ultima®, Optima®, and MetalWorks™ panels
- Get total noise control 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 sustainability compliance standards today
- Light reflectance – 0.86 (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
- USDA-Certified Biobased Product – 59%
- 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**

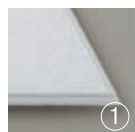


White  
(WH)



Available in  
any color!

**DETAILS**



1

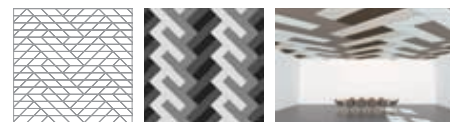


2

1. Calla® Shapes Square Tegular
2. Calla® 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](http://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 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

## 45° SHAPES

### Triangles

2' Main Beam Spacing



**Item No.** 100100 **Description/Dimensions (Inches)** Triangle 24 x 48 x 1"

**Total Acoustics<sup>1</sup>**

$$\begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \text{BEST}$$

Right Triangle –  
2' Main Beam Spacing

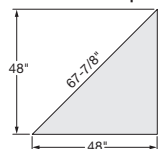


**Item No.** 100107 **Description/Dimensions (Inches)** Right Triangle – Right 24 x 24 x 1"

**Total Acoustics<sup>1</sup>**

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

Right Triangle –  
4' Main Beam Spacing



**Item No.** 100108 **Description/Dimensions (Inches)** Right Triangle – Right 48 x 48 x 1"

**Total Acoustics<sup>1</sup>**

$$\begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \text{BEST}$$

## 60° SHAPES

### Triangles

2' Main Beam Spacing

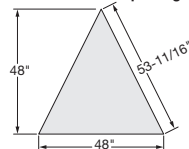


**Item No.** 100101 **Description/Dimensions (Inches)** Triangle 24 x 24 x 1"

**Total Acoustics<sup>1</sup>**

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

4' Main Beam Spacing

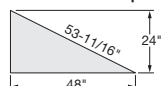


**Item No.** 100102 **Description/Dimensions (Inches)** Triangle 48 x 48 x 1"

**Total Acoustics<sup>1</sup>**

$$\begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.80} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \text{BEST}$$

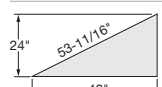
Right Triangles –  
2' Main Beam Spacing



**Item No.** 100105 **Description/Dimensions (Inches)** Right Triangle – Left 24 x 48 x 1"

**Total Acoustics<sup>1</sup>**

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



**Item No.** 100106 **Description/Dimensions (Inches)** Right Triangle – Right 24 x 48 x 1"

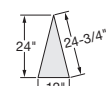
**Total Acoustics<sup>1</sup>**

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

## 75° SHAPES

### Triangles

2' Main Beam Spacing

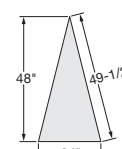


**Item No.** 100103 **Description/Dimensions (Inches)** Triangle 24 x 12 x 1"

**Total Acoustics<sup>1</sup>**

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

4' Main Beam Spacing



**Item No.** 100104 **Description/Dimensions (Inches)** Triangle 48 x 24 x 1"

**Total Acoustics<sup>1</sup>**

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

<sup>1</sup> 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+)



# CALLA® Shapes for DESIGNflex™

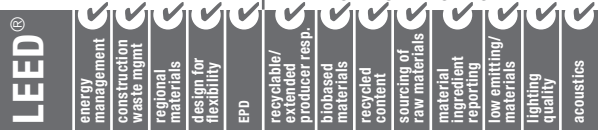
Tegular  
smooth texture

Declare<sup>SM</sup>  
Living Building  
Challenge Compliant

SUSTAIN<sup>®</sup>  
High Performance  
Sustainable  
Ceiling Systems

76%  
RECYCLED  
CONTENT

Calculate LEED contribution at  
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 Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

**100113** Left Parallelogram 24 x 48 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

### 60° SHAPES

#### Parallelograms

**2' Main Beam Spacing**

**100114** Right Parallelogram 24 x 24 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

**100115** Left Parallelogram 24 x 24 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

### 75° SHAPES

#### Parallelograms

**2' Main Beam Spacing**

**100116** Right Parallelogram 24 x 12 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		N/A		—

**100117** Left Parallelogram 24 x 12 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		N/A		—

**4' Main Beam Spacing**

**100118** Right Parallelogram 48 x 24 x 1"

**Total Acoustics<sup>1</sup>**

NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

**100119** Left Parallelogram 48 x 24 x 1"

**Total Acoustics<sup>1</sup>**

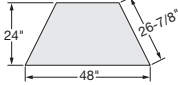
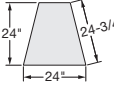
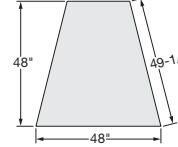
NRC	+	CAC	=	NRC + CAC
0.80		35		<b>BEST</b>

<sup>1</sup> 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+)

**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	Item No.	Description/ Dimensions (Inches)	60° SHAPES	Item No.	Description/ Dimensions (Inches)	75° SHAPES	Item No.	Description/ Dimensions (Inches)
<b>Trapezoids</b>			<b>Trapezoids</b>			<b>Trapezoids</b>		
No Trapezoids available in 45° shapes			<b>2' Main Beam Spacing</b> 			<b>2' Main Beam Spacing</b> 		
			<b>100109</b> Trapezoid 24 x 48 x 1"			<b>100110</b> Right Parallelogram 24 x 12 x 1"		
			<b>Total Acoustics¹</b> <div> <div>NRC</div> <div>+</div> <div>CAC</div> <div>=</div> <div>NRC + CAC</div> </div> <div>0.80</div> <div>35</div> <div><b>BEST</b></div>			<b>Total Acoustics¹</b> <div> <div>NRC</div> <div>+</div> <div>CAC</div> <div>=</div> <div>NRC + CAC</div> </div> <div>0.80</div> <div>35</div> <div><b>BEST</b></div>		
						<b>4' Main Beam Spacing</b> 		
						<b>100111</b> Trapezoid 48 x 48 x 1"		
						<b>Total Acoustics¹</b> <div> <div>NRC</div> <div>+</div> <div>CAC</div> <div>=</div> <div>NRC + CAC</div> </div> <div>0.80</div> <div>35</div> <div><b>BEST</b></div>		

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**

Wet-formed mineral fiber 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 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.

**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 – 2.9 (BTU units)  
R Factor – 0.445 (Watts units)

**10-Year Performance Guarantee & Warranty**

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

**Weight; Pieces/Carton**

100103 – 1.1 lbs/pc; 24 pcs/ctn  
 100101 – 2.2 lbs/pc; 12 pcs/ctn  
 100107, 100116, 100117 – 2.2 lbs/pc; 24 pcs/ctn  
 100110 – 3.3 lbs/pc; 12 pcs/ctn  
 100100, 100104, 100105, 100106, 100114, 100115 – 4.4 lbs/pc; 12 pcs/ctn  
 100109 – 6.6 lbs/pc; 8 pcs/ctn  
 100102, 100108, 100112, 100113, 100118, 100119 – 8.8 lbs/pc; 6 pcs/ctn  
 100111 – 13.2 lbs/pc; 4 pcs/ctn

**Minimum Order Quantity**

1 carton



# CALLA® Shapes for DESIGNFlex™

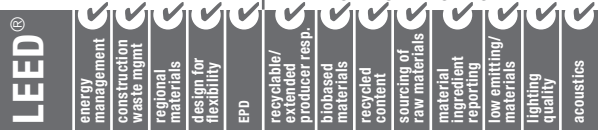
Tegular  
smooth texture

**Declare™**  
Living Building  
Challenge Compliant

**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems

**76% RECYCLED CONTENT**






Calculate LEED contribution at  
[armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)








LOCATION DEPENDENT

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






### 45° SHAPES

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

### 60° SHAPES

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

### 75° SHAPES

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

For additional suspension components, trims, and clips, please consult the full installation instructions at [www.armstrongceilings.com/shapesinstallation](http://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](http://armstrongceilings.com/partners)

Compatible with:  
Axis Lighting, and Price.



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

## SUSPENSION SYSTEMS

9/16"



Suprafine® XM  
for Shapes

**TechLine** / 1 877 276 7876  
[armstrongceilings.com/designflex](http://armstrongceilings.com/designflex)  
(search: callashapes)

BPCS-5805-418

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CEILING & WALL SOLUTIONS