CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

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

Smoothest 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, 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 – White and 13 Sustain® colors only (colors on Pg. 274)
- Light reflectance – 0.85 (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
- 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

Available in any color!

DETAILS

1. Calla® Shapes Square Tegular
2. Calla® Shapes Square Tegular with Suprafine® XM 9/16” suspension system
These 9 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16” suspension:

### 45° SHAPES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
<th>Total Acoustics(^1)</th>
<th>NRC + CAC = NRC CAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>100100</td>
<td>Triangle 24 x 48 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
<tr>
<td>100107</td>
<td>Right Triangle – 24 x 48 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
<tr>
<td>100108</td>
<td>Right Triangle – 48 x 48 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
</tbody>
</table>

### 60° SHAPES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
<th>Total Acoustics(^1)</th>
<th>NRC + CAC = NRC CAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>100101</td>
<td>Triangle 24 x 24 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
<tr>
<td>100102</td>
<td>Triangle 48 x 48 x 1”</td>
<td>0.80</td>
<td>35 – BEST</td>
</tr>
<tr>
<td>100105</td>
<td>Right Triangle – Left 24 x 48 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
<tr>
<td>100106</td>
<td>Right Triangle – Right 24 x 48 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
</tbody>
</table>

### 75° SHAPES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
<th>Total Acoustics(^1)</th>
<th>NRC + CAC = NRC CAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>100103</td>
<td>Triangle 24 x 12 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
<tr>
<td>100104</td>
<td>Triangle 48 x 24 x 1”</td>
<td>0.80</td>
<td>N/A –</td>
</tr>
</tbody>
</table>

\(^1\) Total Acoustics\(^2\) 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 (ill-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 wafer 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/ELBS/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 1.9; 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**

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

**Minimum Order Quantity**

1 carton

---

**Calla® Shapes for DESIGNFLEX™**

*smooth texture*

Start your design process with 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 details – from takeoffs showing 2’ or 4’ on-center spacing to panels, suspension, trims, and accessories.

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
details – from takeoffs showing 2’ or 4’ on-center spacing to panels, suspension, trims, and accessories.

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
details – from takeoffs showing 2’ or 4’ on-center spacing to panels, suspension, trims, and accessories.

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
details – from takeoffs showing 2’ or 4’ on-center spacing to panels, suspension, trims, and accessories.
These 8 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16” suspension:

### 45° SHAPES

**Parallelograms**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100112</td>
<td>Right Parallelogram 24 x 48 x 1&quot;</td>
</tr>
<tr>
<td>100113</td>
<td>Left Parallelogram 24 x 48 x 1&quot;</td>
</tr>
</tbody>
</table>

**Total Acoustics**

- NRC = 0.80
- CAC = 35

- BEST

### 60° SHAPES

**Parallelograms**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100114</td>
<td>Right Parallelogram 24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>100115</td>
<td>Left Parallelogram 24 x 24 x 1&quot;</td>
</tr>
</tbody>
</table>

**Total Acoustics**

- NRC = 0.80
- CAC = 35

- BEST

### 75° SHAPES

**Parallelograms**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100116</td>
<td>Right Parallelogram 24 x 24 x 1&quot;</td>
</tr>
<tr>
<td>100117</td>
<td>Left Parallelogram 24 x 24 x 1&quot;</td>
</tr>
</tbody>
</table>

**Total Acoustics**

- NRC = 0.80
- CAC = 35

- BEST

**4' Main Beam Spacing**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100118</td>
<td>Right Parallelogram 48 x 24 x 1&quot;</td>
</tr>
<tr>
<td>100119</td>
<td>Left Parallelogram 48 x 24 x 1&quot;</td>
</tr>
</tbody>
</table>

**Total Acoustics**

- NRC = 0.80
- CAC = 35

- BEST

---

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/Sap 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**


**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 – 0.445 (Watts units)

R Factor – 2.9 (BTU units)

**Minimum Order Quantity**

1 carton

---

[armstrongceilings.com/designflex]
CALLA® Shapes for DESIGNFlex™

**Teqular smooth texture**

**PANEL OPTIONS** (shown in finish view from below ceiling)

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

### 45° SHAPES

- **Trapezoids**
  - No Trapezoids available in 45° shapes

### 60° SHAPES

- **2' Main Beam Spacing**
  - Trapezoids
  - **100109** Trapezoid 24 x 48 x 1"

### 75° SHAPES

- **2' Main Beam Spacing**
  - Trapezoids
  - **100110** Right Parallelogram 24 x 24 x 1"

System utilizes Suprafine® XM suspension components including angle brackets, corner brackets, main beams, cross tees and perimeter clips. Refer to the Suprafine XM data page for more information.

---

**SUSPENSION SYSTEMS**

9/16" Suprafine® XM for Shapes

**PARTNER COMPANIES**

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

**PHYSICAL DATA**

- **Materials**: 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**: HuricGuard Plus; Authorized for use with all Seismic Restraints tested for use with DESIGNFlex™ Shapes panels for application in all seismic areas when installed per Armstrong® Seismic Restraint
- **Acoustics**: Better (NRC 0.70-0.75; CAC 35+)

**VOC Emissions**


**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® Seismic Restraint.

---

**GREENGUARD Certified Gold**

 Declare™ High Performance Sustainable Ceiling Systems

**LEED®**

- **76% Recycled Content**
- **Calculate LEED contribution at armstrongceilings.com/greengenie**