CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

TOTAL ACOUSTICS®
Sound Absorption (NRC)
+ Sound Blocking (CAC)

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

DESIGNFlex™
A New World of Choice
for Ceiling Systems

DESIGNFlex™
CEILING SYSTEMS
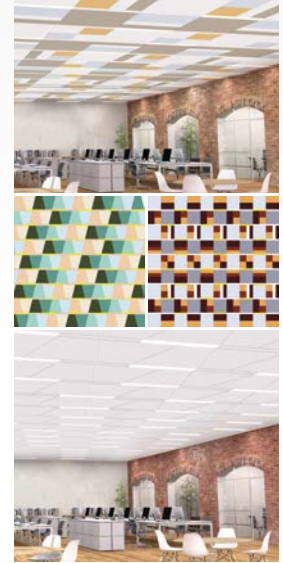
SHAPES   SIZES   COLOR

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 (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 – 0.86 (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

White
(WH)

Available in any color!

DETAILS

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

Armstrong®
CEILING & WALL SOLUTIONS

CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

76% RECYCLED CONTENT

GREENGUARD Gold Certified (details below)

Declare℠ Living Building Challenge Compliant

SUSTAIN® High Performance Sustainable Ceiling Systems

Calculate LEED contribution at armstrongceilings.com/greengenie

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

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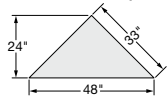
These 9 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Triangles

2' Main Beam Spacing — 24", 35", 48"

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

Total Acoustics¹

NRC 0.80 + CAC 35 = NRC+CAC **BEST**

Right Triangle – 2' Main Beam Spacing — 24", 34", 24"

| 100107 | Right Triangle – 24 x 24 x 1" |

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

Right Triangle – 4' Main Beam Spacing — 48", 67-7/8", 48"
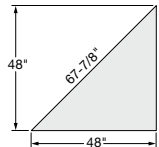
| 100108 | Right Triangle – 48 x 48 x 1" |

Total Acoustics¹

NRC 0.80 + CAC 35 = NRC+CAC **BEST**

60° SHAPES

Triangles

2' Main Beam Spacing — 24", 26-7/8", 24"
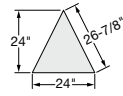
Item No.	Description/Dimensions (Inches)
100101	Triangle 24 x 24 x 1"

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

4' Main Beam Spacing — 48", 53-11/16", 48"
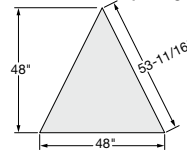
| 100102 | Triangle 48 x 48 x 1" |

Total Acoustics¹

NRC 0.80 + CAC 35 = NRC+CAC **BEST**

Right Triangle – 2' Main Beam Spacing — 53-11/16", 24", 48"
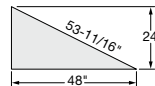
| 100105 | Right Triangle – Left 24 x 48 x 1" |

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

— 24", 53-11/16", 48"
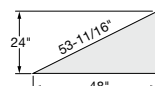
| 100106 | Right Triangle – Right 24 x 48 x 1" |

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

75° SHAPES

Triangles

2' Main Beam Spacing — 24", 24-3/4", 12"
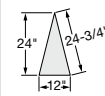
Item No.	Description/Dimensions (Inches)
100103	Triangle 24 x 12 x 1"

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

4' Main Beam Spacing — 48", 49-1/2", 24"
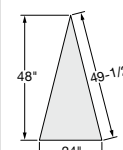
| 100104 | Triangle 48 x 24 x 1" |

Total Acoustics¹

NRC 0.80 + CAC N/A = NRC+CAC –

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
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.

TechLine 877 276-7876

armstrongceilings.com/designflex

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.

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

UL GREENGUARD GOLD

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

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® CEILING & WALL SOLUTIONS

135

CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

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:

	Item No.	Description/ Dimensions (Inches)

45° SHAPES

Parallelograms

2' Main Beam Spacing — **100112** Right Parallelogram 24 x 48 x 1"
(24", 48", 33")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		35 ●		**BEST**))))

100113 Left Parallelogram 24 x 48 x 1"
(24", 48", 33")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		35 ●		**BEST**))))

60° SHAPES

Parallelograms

2' Main Beam Spacing — **100114** Right Parallelogram 24 x 24 x 1"
(24", 24", 26-7/8")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		35 ●		**BEST**))))

100115 Left Parallelogram 24 x 24 x 1"
(24", 24", 26-7/8")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		35 ●		**BEST**))))

75° SHAPES

Parallelograms

2' Main Beam Spacing — **100116** Right Parallelogram 24 x 12 x 1"
(24", 12", 24-3/4")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		N/A		–

100117 Left Parallelogram 24 x 12 x 1"
(24", 12", 24-3/4")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		N/A		–

4' Main Beam Spacing — **100118** Right Parallelogram 48 x 24 x 1"
(48", 24", 49-1/2")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		35 ●		**BEST**))))

100119 Left Parallelogram 48 x 24 x 1"
(48", 24", 49-1/2")

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80 ●		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/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

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

UL GREENGUARD GOLD

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

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

NRC +CAC / AC / DESIGNFlex™ SHAPES

Armstrong®
CEILING & WALL SOLUTIONS

CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

GREENGUARD
Gold Certified
(details below)

Declare℠
Living Building
Challenge Compliant

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

76% RECYCLED CONTENT

Calculate LEED contribution at
armstrongceilings.com/greengenie

| 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 |

▲ 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:
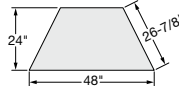
45° SHAPES

| Item No. | Description/ Dimensions (Inches) |

Trapezoids

No Trapezoids available in 45° shapes

60° SHAPES

| Item No. | Description/ Dimensions (Inches) |

Trapezoids

2' Main Beam Spacing

24" / 26-7/8" / 48"

100109 Trapezoid 24 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80		35		**BEST**
●		●		🔊

75° SHAPES

| Item No. | Description/ Dimensions (Inches) |

Trapezoids

2' Main Beam Spacing

24" / 24-3/4" / 24"
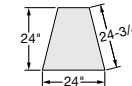
100110 Right Parallelogram 24 x 24 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80		35		**BEST**
●		●		🔊

4' Main Beam Spacing

48" / 49-1/2" / 48"
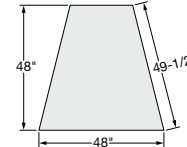
100111 Trapezoid 48 x 48 x 1"

Total Acoustics[1]

NRC	+	CAC	=	NRC + CAC
0.80		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+)

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.
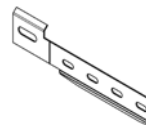
Right Angle Bracket   Left Angle Bracket   Double Angle Bracket   Corner Bracket   Axiom® perimeter corner clip   Perimeter angle clip

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 FLEX T-BAR LED
Lights and Price diffusers.

axis   **JLC·tech**   **price**®

Shaped infill panels are available for applicable lighting fixtures. Add L I N F to the end of any Shape panel item number to order. Metal diffuser infills 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
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.

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

🔵 UL **GREENGUARD** GOLD

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

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

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

BPCS-5805-819

Armstrong®
CEILING & WALL SOLUTIONS

137

DESIGNFlex™ SHAPES