

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.

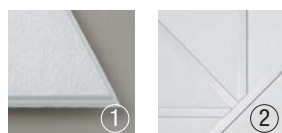
KEY SELECTION ATTRIBUTES

- 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 new
- 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 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 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 – 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

COLOR



DETAILS



- Calla® Shapes Square Tegular
- Calla® Shapes Square Tegular with Suprafine® XM 9/16" suspension system

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.

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

76% RECYCLED
CONTENT

Calculate sustainability with GreenGenie™
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.

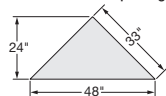


These 9 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

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 35 BEST

Right Triangle –
2' Main Beam Spacing



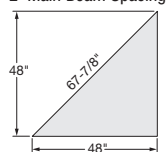
100107 Right Triangle –
24 x 24 x 1"

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

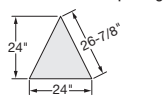
NRC + CAC = NRC + CAC

0.80 35 BEST

60° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/
Dimensions
(Inches)

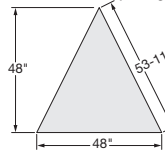
100101 Triangle
24 x 24 x 1"

Total
Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A –

4' Main Beam Spacing



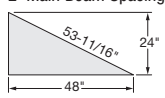
100102 Triangle
48 x 48 x 1"

Total
Acoustics¹

NRC + CAC = NRC + CAC

0.80 35 BEST

Right Triangle –
2' Main Beam Spacing

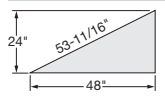


100105 Right Triangle –
Left
24 x 48 x 1"

Total
Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A –



100106 Right Triangle –
Right
24 x 48 x 1"

Total
Acoustics¹

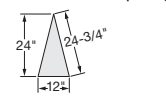
NRC + CAC = NRC + CAC

0.80 N/A –

75° SHAPES

Triangles

2' Main Beam Spacing



Item No. Description/
Dimensions
(Inches)

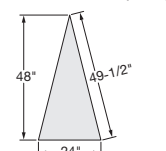
100103 Triangle
24 x 12 x 1"

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 –

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

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.

TechLine 877 276-7876

armstrongceilings.com/callashapes

Products tested by a 3rd party laboratory according to ASTM D3273, and have been shown to have reduced growth of Aspergillus niger, Penicillium citrinum, and Aureobasidium pullulans.

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

PRODUCT CERTIFIED
FOR LOW CHEMICAL
EMISSIONS
UL CMHC
UL 2618



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.

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®
CEILING & WALL SOLUTIONS

DESIGNflex™ SHAPES



CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture

USDA
CERTIFIED
BIOBASED
PRODUCT
91%

Declare.

SUSTAIN®
High Performance
Sustainable Ceiling Systems

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(details below)

LEED®
WELL™ | LBC

76% RECYCLED
CONTENT

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armstrongceilings.com/greengenie

LOCATION DEPENDENT

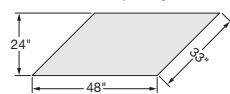
PANEL OPTIONS (shown in finish view from below ceiling)

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

45° SHAPES

Parallelograms

2' Main Beam Spacing

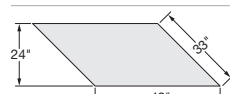


Item No. 100112
Description/Dimensions (Inches)
Right Parallelogram
24 x 48 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 35 BEST



Item No. 100113
Description/Dimensions (Inches)
Left Parallelogram
24 x 48 x 1"

Total Acoustics¹

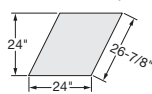
NRC + CAC = NRC + CAC

0.80 35 BEST

60° SHAPES

Parallelograms

2' Main Beam Spacing

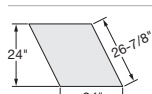


Item No. 100114
Description/Dimensions (Inches)
Right Parallelogram
24 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 35 BEST



Item No. 100115
Description/Dimensions (Inches)
Left Parallelogram
24 x 24 x 1"

Total Acoustics¹

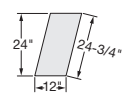
NRC + CAC = NRC + CAC

0.80 35 BEST

75° SHAPES

Parallelograms

2' Main Beam Spacing

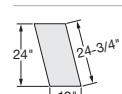


Item No. 100116
Description/Dimensions (Inches)
Right Parallelogram
24 x 12 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -



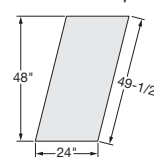
Item No. 100117
Description/Dimensions (Inches)
Left Parallelogram
24 x 12 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 N/A -

4' Main Beam Spacing

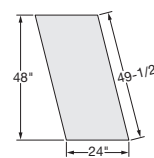


Item No. 100118
Description/Dimensions (Inches)
Right Parallelogram
48 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + CAC

0.80 35 BEST



Item No. 100119
Description/Dimensions (Inches)
Left Parallelogram
48 x 24 x 1"

Total Acoustics¹

NRC + CAC = NRC + 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+)

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.

Products tested by a 3rd party laboratory according to ASTM D3273, and have been shown to have reduced growth of *Aspergillus niger*, *Penicillium citrinum*, and *Aureobasidium pullulans*.

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

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



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.

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

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

TechLine 877 276-7876

armstrongceilings.com/callashapes

Armstrong®
CEILING & WALL SOLUTIONS

DESIGNFlex™ SHAPES

NRC + CAC

Fire

Light

Acoustic

Humidity

Seismic

Anti-Mold

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

Seismic

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

76% RECYCLED
CONTENT

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/excised 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

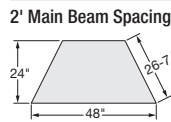
Trapezoids

Item No. Description/
Dimensions
(Inches)

No Trapezoids available in 45° shapes

60° SHAPES

Trapezoids



Item No. Description/
Dimensions
(Inches)

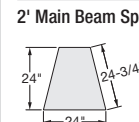
100109 Trapezoid
24 x 48 x 1"

Total
Acoustics¹

NRC + CAC = NRC
0.80 35 BEST

75° SHAPES

Trapezoids



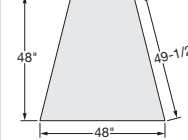
Item No. Description/
Dimensions
(Inches)

100110 Right
Parallelogram
24 x 24 x 1"

Total
Acoustics¹

NRC + CAC = NRC
0.80 35 BEST

4' Main Beam Spacing



100111 Trapezoid
48 x 48 x 1"

Total
Acoustics¹

NRC + CAC = NRC
0.80 35 BEST

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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"



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.

axis

JLC • TECH

PRICE®

Shaped infill panels are available for applicable lighting fixtures. Add **LNF** 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

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.

Products tested by a 3rd party laboratory according to ASTM D3273, and have been shown to have reduced growth of Aspergillus niger, Penicillium citrinum, and Aureobasidium pullulans.

VOC Emissions

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High Recycled Content

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Seismic Restraint

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



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.

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

TechLine / 1 877 276-7876
armstrongceilings.com/callashapes
BPCS-5805-1020

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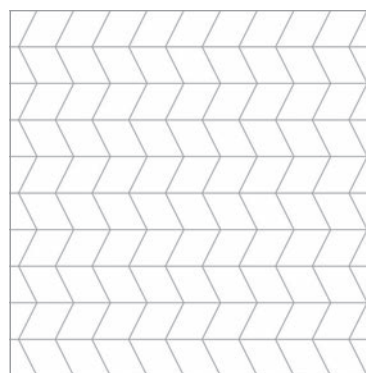
Armstrong®
CEILING & WALL SOLUTIONS

DESIGNflex™ SHAPES



CALLA® Shapes for DESIGNFlex™

Tegular
smooth texture



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



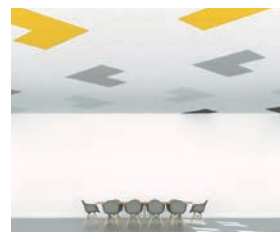
DESIGNFlex Shapes – Pattern SH 4



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

TechLine 877 276-7876
armstrongceilings.com/callashapes



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

