CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

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

SUSTAIN®
High Performance Sustainable Ceiling Systems

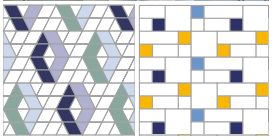


DESIGNFLEX® Ceiling Systems

Shapes Sizes Colors

Personalize your design at:
armstrong.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® performance and part of the Sustain® portfolio; Available to ship in 3 weeks.

KEY SELECTION ATTRIBUTES

- DesignFlex® system 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
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

COLORS

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

White (WH)

Available in any color!

These colors are pre-qualified to meet Sustain® portfolio requirements.

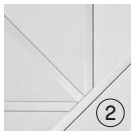
Black (BK) · Light Grey (MLG) · Grey Stone (MGS) · Stone (SE) · Mist (MMT) · Sandstone (MSS)

Fossil (MFL) · Feldspar (MFS) · Boxwood (MBW) · Lilac (MLC) · Rainstorm (MRS) · Oat (MOT)

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
armstrong.com/callashapes

Armstrong® World Industries

CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 91%

SUSTAIN®
High Performance
Sustainable Ceiling Systems

Declare®

RECYCLED CONTENT
UP TO
85%

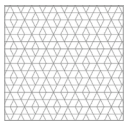
LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

Start your design process with a visit to our online pattern gallery at: armstrong.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 – 877 276-7876.

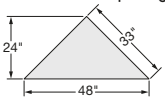
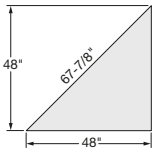




These 9 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

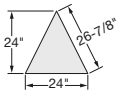
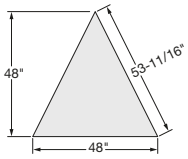
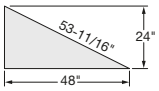
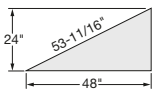
45° SHAPES

Triangles

	Item No.	Description/ Dimensions (Inches)	Total Acoustics[1] NRC	CAC	NRC + CAC
2' Main Beam Spacing 	100100	Triangle 24 × 48 × 1"	0.80	31	–
Right Triangle – 2' Main Beam Spacing 	100107	Right Triangle – 24 × 24 × 1"	0.80	N/A	–
Right Triangle – 4' Main Beam Spacing 	100108	Right Triangle – 48 × 48 × 1"	0.80	35	BEST

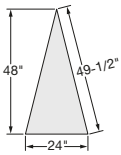
60° SHAPES

Triangles

	Item No.	Description/ Dimensions (Inches)	Total Acoustics[1] NRC	CAC	NRC + CAC
2' Main Beam Spacing 	100101	Triangle 24 × 24 × 1"	0.80	N/A	–
4' Main Beam Spacing 	100102	Triangle 48 × 48 × 1"	0.80	35	BEST
Right Triangle – 2' Main Beam Spacing 	100105	Right Triangle – Left 24 × 48 × 1"	0.80	N/A	–
	100106	Right Triangle – Right 24 × 48 × 1"	0.80	N/A	–

75° SHAPES

Triangles

	Item No.	Description/ Dimensions (Inches)	Total Acoustics[1] NRC	CAC	NRC + CAC
2' Main Beam Spacing 	100103	Triangle 24 × 12 × 1"	0.80	N/A	–
4' Main Beam Spacing 	100104	Triangle 48 × 24 × 1"	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 A, Form A2.2, Pattern G; 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
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 armstrong.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 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 armstrong.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.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

TechLine 877 276-7876
armstrong.com/callashapes

Armstrong® World Industries

CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 91%

SUSTAIN®
High Performance
Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO
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LEED V5
Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

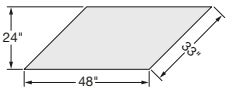
PANEL OPTIONS (shown in finish view from below ceiling)

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

45° SHAPES

Parallelograms

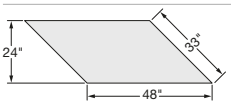
2' Main Beam Spacing



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

Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	35	BEST



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

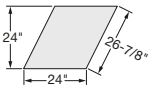
Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	35	BEST

60° SHAPES

Parallelograms

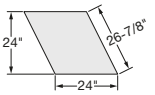
2' Main Beam Spacing



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

Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	31	–



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

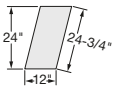
Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	31	–

75° SHAPES

Parallelograms

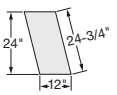
2' Main Beam Spacing



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

Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	N/A	–

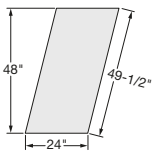


Item No.	Description/ Dimensions (Inches)
100117	Left Parallelogram 24 × 12 × 1"

Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	N/A	–

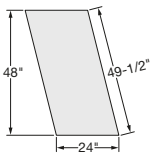
4' Main Beam Spacing



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

Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	35	BEST



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

Total Acoustics[1]

NRC	CAC	NRC + CAC
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+)

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 A, Form A2.2, Pattern G; 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
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 armstrong.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 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 armstrong.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.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

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Armstrong®
World Industries

CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 91%

SUSTAIN® High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 85%

LEED V5 Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

PANEL OPTIONS (shown in finish view from below ceiling)

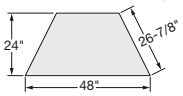
These 3 Calla® Shapes with Square Tegular edges are available with Suprafine® XM 9/16" suspension:

45° SHAPES

Trapezoids	Item No.	Description/ Dimensions (Inches)
No Trapezoids available in 45° shapes		

60° SHAPES

Trapezoids	Item No.	Description/ Dimensions (Inches)
2' Main Beam Spacing	100109	Trapezoid 24 × 48 × 1"

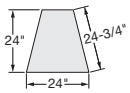


Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	35	BEST

75° SHAPES

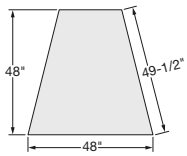
Trapezoids	Item No.	Description/ Dimensions (Inches)
2' Main Beam Spacing	100110	Trapezoid 24 × 24 × 1"



Total Acoustics[1]

NRC	CAC	NRC + CAC
0.80	31	–

4' Main Beam Spacing	100111	Trapezoid 48 × 48 × 1"



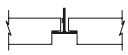
Total Acoustics[1]

NRC	CAC	NRC + CAC
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"



Suprafine® XM for Shapes

PARTNER COMPANIES For more information on our partner companies, please visit armstrong.com/partners

Compatible with: Axis Geometrix™ Lighting, JLC-Tech T-BAR FLEX® AND T-BAR LED® Lights and Price diffusers.

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
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 A, Form A2.2, Pattern G; 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
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 armstrong.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 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.

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Cleaning and Disinfecting
Cleaning and CDC-recommended disinfecting options available on armstrong.com/cleaning

10-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.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

DESIGNFLEX® SHAPES

TechLine / 877 276-7876
armstrong.com/callashapes

BPCS-5805-826

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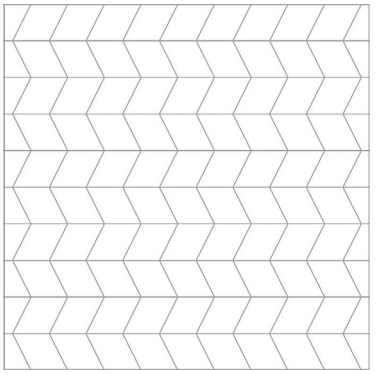
CALLA® Shapes for DESIGNFLEX®

Tegular
smooth texture



Online pattern gallery at armstrong.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

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World Industries

DESIGNFLEX®
Suspension Systems & Accessories
CALLA® Shapes panels

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 armstrong.com/shapesinstallation