

new **ULTIMA® Shapes**
for **DESIGNFlex™**
Square Lay-in
fine texture

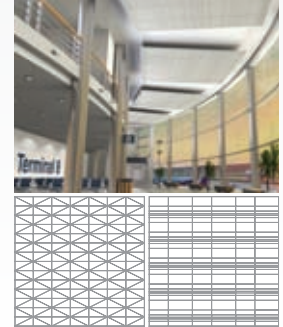


DESIGNFlex™
CEILING SYSTEMS



Personalize Your Design!

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



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

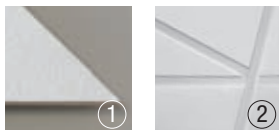
KEY SELECTION ATTRIBUTES

- DesignFlex™ options include shapes, tailor-made sizes, and colors available to ship in 3 weeks
- Mix and Match – Shapes also available in Calla®, Lyra®, Optima®, and MetalWorks™ panels
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panel options: NRC + CAC = Total Acoustics Performance
- Ultima® panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Light reflectance – 0.90
- 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
- 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



DETAILS



1. Ultima® Shapes Square Lay-in
2. Ultima® Shapes Square Lay-in with Prelude® XM 15/16" suspension system

Start your design process with a visit to our online pattern gallery at: armstrongceilings.com/patterngallery

See dozens of pre-designed patterns and shapes 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.

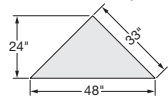


These 7 Ultima® Shapes with Square Lay-in edges are available with Prelude® XM 15/16" suspension:

45° SHAPES

Triangles

2' Main Beam Spacing



100319 Triangle
24 x 48 x 3/4"

Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{35} \end{matrix} = \text{BETTER}$$

Right Triangles –
2' Main Beam Spacing



100326 Right Triangle –
Right
24 x 24 x 3/4"

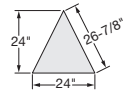
Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$

60° SHAPES

Triangles

2' Main Beam Spacing

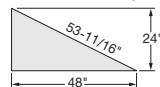


100320 Triangle
24 x 24 x 3/4"

Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$

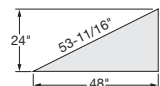
Right Triangles –
2' Main Beam Spacing



100324 Right Triangle –
Left
24 x 48 x 3/4"

Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$



100325 Right Triangle –
Right
24 x 48 x 3/4"

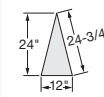
Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$

75° SHAPES

Triangles

2' Main Beam Spacing

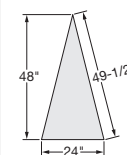


100322 Triangle
24 x 12 x 3/4"

Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$

4' Main Beam Spacing



100323 Triangle
48 x 24 x 3/4"

Total
Acoustics¹

$$\begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = \begin{matrix} \text{NRC} \\ \text{0.70} \end{matrix} + \begin{matrix} \text{CAC} \\ \text{N/A} \end{matrix} = -$$

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+)



ULTIMA® Shapes for DESIGNFlex™

Square lay-in
fine texture

DeclareSM
Living Building
Challenge Compliant

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

84% RECYCLED
CONTENT

Calculate LEED contribution at
armstrongceilings.com/greengenie

LOCATION DEPENDENT

PANEL OPTIONS (shown in finish view from below ceiling)

These 6 Ultima® Shapes with Square Lay-in edges are available with Prelude® XM 15/16" suspension:

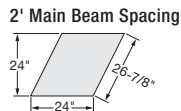
45° SHAPES

Parallelograms

No Parallelograms available in 45° shapes

60° SHAPES

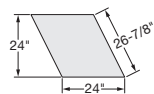
Parallelograms



100332 Right
Parallelogram
24 x 24 x 3/4"

Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 35 **BETTER**



100333 Left
Parallelogram
24 x 24 x 3/4"

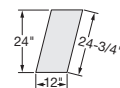
Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 35 **BETTER**

75° SHAPES

Parallelograms

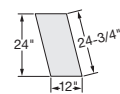
2' Main Beam Spacing



100334 Right
Parallelogram
24 x 12 x 3/4"

Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 N/A -



100335 Left
Parallelogram
24 x 12 x 3/4"

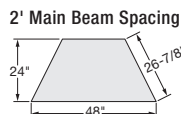
Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 N/A -

Trapezoids

No Trapezoids available in 45° shapes

Trapezoids



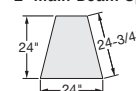
100328 Trapezoid
24 x 48 x 3/4"

Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 35 **BETTER**

Trapezoids

2' Main Beam Spacing



100329 Right
Parallelogram
24 x 12 x 3/4"

Total
Acoustics¹

$\text{NRC} + \text{CAC} = \text{NRC} + \text{CAC}$
0.70 35 **BETTER**

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 DuraBrite® acoustically transparent membrane

Surface Finish

DuraBrite® scrim 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

Prelude® 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 - 2.2 (BTU units)
R Factor - 0.39 (Watts units)

10-Year Performance Guarantee & Warranty

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

Weight; Pieces/Carton

100322 - 0.97 lbs/pc; 24 pcs/ctn
100320 - 1.94 lbs/pc; 12 pcs/ctn
100326, 100334, 100335 - 1.94 lbs/pc; 24 pcs/ctn
100329 - 2.91 lbs/pc; 12 pcs/ctn
100319, 100323, 100324, 100325, 100332, 100333 - 3.88 lbs/pc; 12 pcs/ctn
100328 - 5.82 lbs/pc; 8 pcs/ctn

Minimum Order Quantity

1 carton

TechLine 877 276-7876

armstrongceilings.com/designflex

Armstrong®
CEILING & WALL SOLUTIONS

DESIGNFlex™





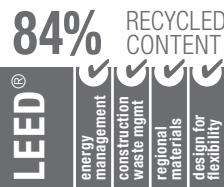
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SUSTAIN[®]
High Performance
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Ceiling Systems








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LOCATION DEPENDENT

SUSPENSION SYSTEMS COMPONENTS & ACCESSORIES System utilizes Prelude® XL® main beams






45° SHAPES

Item No.	Description
73AB45L	 Prelude® 45° Left Angle Bracket
73AB45R	 Prelude® 45° Right Angle Bracket
73AB45D	 Prelude® 45° Double Angle Bracket
73CB45	Prelude® 45° Corner Bracket
XM734524	Prelude® 45° Base Cross Tee – 24" Main Beam Spacing
XM734548	Prelude® 45° Base Cross Tee – 48" Main Beam Spacing
XM7324	Prelude® Perimeter Cross Tee – 24" Main Beam Spacing
XM7348	Prelude® Perimeter Cross Tee – 48" Main Beam Spacing
PCC	 Axiom® Perimeter Corner Clip
PAC	 Perimeter Angle Clip

60° SHAPES

Item No.	Description
73AB60L	 Prelude® 60° Left Angle Bracket
73AB60R	 Prelude® 60° Right Angle Bracket
73AB60D	 Prelude® 60° Double Angle Bracket
73CB60L	Prelude® 60° Corner Bracket – Left
73CB60R	Prelude® 60° Corner Bracket – Right
XM736024	Prelude® 60° Base Cross Tee – 24" Main Beam Spacing
XM736048	Prelude® 60° Base Cross Tee – 48" Main Beam Spacing
XM7324	Prelude® Perimeter Cross Tee – 24" Main Beam Spacing
XM7348	Prelude® Perimeter Cross Tee – 48" Main Beam Spacing
PCC	 Axiom® Perimeter Corner Clip
PAC	 Perimeter Angle Clip

75° SHAPES

Item No.	Description
73AB75L	 Prelude® 75° Left Angle Bracket
73AB75R	 Prelude® 75° Right Angle Bracket
73AB75D	 Prelude® 75° Double Angle Bracket
XM737524	Prelude® 75° Base Cross Tee – 24" Main Beam Spacing
XM737548	Prelude® 75° Base Cross Tee – 48" Main Beam Spacing
XM7324	Prelude® Perimeter Cross Tee – 24" Main Beam Spacing
XM7348	Prelude® 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
For additional product details see the Prelude® XM for DesignFlex™ Shapes data page.

PARTNER COMPANIES For more information on our partner companies, please visit 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

15/16"



Prelude® XM
for Shapes

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

BPCS-5846-418

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DESIGNflex™