WOODWORKS® Shapes for DESIGNFLEX®

Tegular



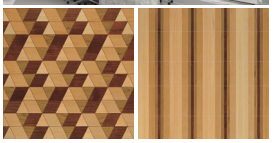
WoodWorks Shapes for DesignFlex in Constants Walnut

DESIGNFLEX®
Ceiling Systems

Shapes Sizes Colors

Personalize your design at:
armstrong.com/designflex





WoodWorks® Shapes in 45° and 60° triangles, parallelograms, and trapezoids with perforations.

KEY SELECTION ATTRIBUTES

- Get a custom, one-of-a-kind look with standard WoodWorks® Shapes without custom lead times
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mix and match – Shapes also available with Calla®, Lyra®, Ultima®, Optima®, and MetalWorks™ panels
- Create a cohesive look with:
  -TechZone® systems
  -Shaped lighting and diffusers
  -JLC-Tech T-BAR FLEX® LED Light
- All clips and safety accessories included and shipped with panels

VENEERS

The grain direction runs parallel to the main beam in the suspension system. Due to printing limitations, shade may vary from actual product.

Natural Variations™
(Real Wood Veneers)


Beech (NBE)


Maple (NMP)


Light Cherry (NLC)


Dark Cherry (NDC)


Walnut (NWN)


Oak (NOK)


Walnut Espresso (NWE)

Constants™
(Real Wood Veneers)

Maple (CMA)


Cherry (CCY)


Walnut (CWA)


Redux Wood Wheat (CRW)


Custom Finishes and Veneers Available

DETAILS

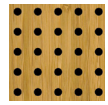




1. Edge of panel with gasket shown
2. Intersection detail of triangles shown

PERFORATION OPTIONS (1:2 scale shown)


W1 (Unperforated)


W4 – Rg 6011 (Round Straight)

TechLine 877 276-7876
armstrong.com/woodworksshapes

Armstrong® World Industries

WOODWORKS® Shapes for DESIGNFLEX®

Tegular

RECYCLED CONTENT
UP TO 63%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
	Human Health	Ecosystem Health	EPD
		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.

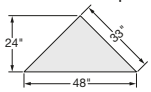




These 9 WoodWorks® Shapes with Tegular edges are available for Suprafine® XM 9/16" suspension systems:

45° SHAPES

Triangles	Item No.◆	Description/ Dimensions (Inches)
2' Main Beam Spacing	8271_ _ _ _	Triangle



Panel 3/4" thick

	8272_ _ _ _	Right Triangle – Right



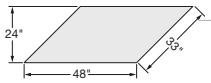
Panel 3/4" thick

	8282_ _ _ _	Right Triangle – Left



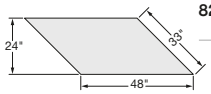
Panel 3/4" thick

Parallelograms		
2' Main Beam Spacing	8274_ _ _ _	Right Parallelogram



Panel 3/4" thick

	8275_ _ _ _	Left Parallelogram

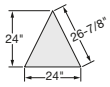


Panel 3/4" thick

Trapezoids
No Trapezoids available in 45° shapes

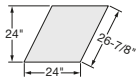
60° SHAPES

Triangles	Item No.◆	Description/ Dimensions (Inches)
2' Main Beam Spacing	8277_ _ _ _	Triangle



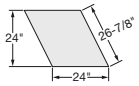
Panel 3/4" thick

Parallelograms		
2' Main Beam Spacing	8279_ _ _ _	Right Parallelogram



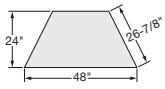
Panel 3/4" thick

	8280_ _ _ _	Left Parallelogram



Panel 3/4" thick

Trapezoids		
2' Main Beam Spacing	8281_ _ _ _	Trapezoid



Panel 3/4" thick

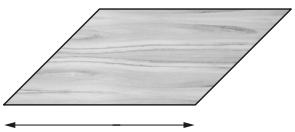
◆ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes (e.g. 8277W 1 N O K).

ACOUSTICAL INFORMATION

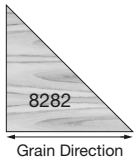
Performance determined by perforation size.
Dots represent high level of perfmormance.

Item No.	Ultima® Lay-in Shapes Infill Panel Item #	Fleece Only NRC	Infill Panel NRC	Infill Panel CAC
8271W4	100319	0.65	0.70 •	31
8272W4	100326	0.60	0.65	32
8282W4	100326	0.60	0.65	32
8277W4	100320	0.65	0.70 •	32
8279W4	100332	0.65	0.70 •	31
8280W4	100333	0.65	0.70 •	31
8281W4	100328	0.65	0.70 •	31

GRAIN DETAIL – ALL SHAPES



Wood grain runs parallel to main beam



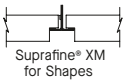




NOTE: To ensure consistent grain direction on Right Triangles, both items 8272 and 8282 will need to be ordered and alternated.

SUSPENSION SYSTEMS

9/16"


Suprafine® XM for Shapes

Suspension systems are available in custom colors or our standard black and metallic colors, which complement finishes on WoodWorks® panels.

TechLine 877 276-7876
armstrong.com/woodworksshapes

Armstrong® World Industries

DESIGNFLEX® SHAPES

WOODWORKS® Shapes for DESIGNFLEX®

Tegular

RECYCLED CONTENT

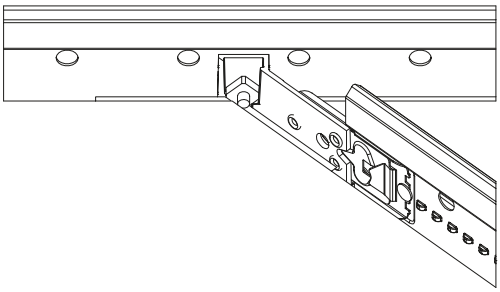
UP TO 63%

LEED V5

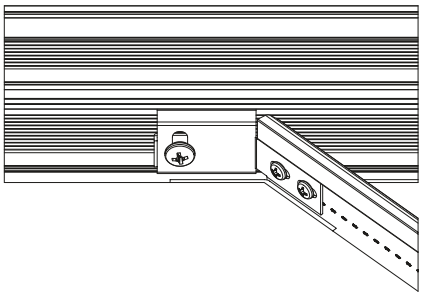
COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	Ecosystem Health	EPD
		Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

DETAILS

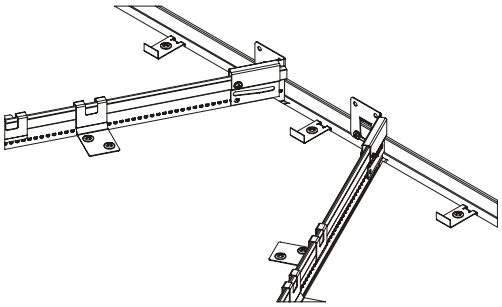
Tegular Panel installed with Angle Bracket connecting Suprafine® XM Cross Tee and Main Beam



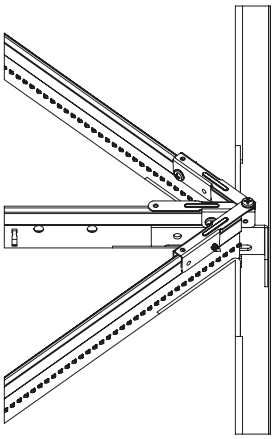
Full-size Tegular Panel Axiom® Trim Perimeter Solution, using AXTBC Clip



Cut Tegular Shapes Border Panel with Wall Molding, Tegular Border Clips, and Stabilizer Clips

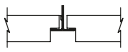


Perimeter Angle Clips (PACs) are used when multiple Tees intersect with Wall Molding



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® LED Lights and Price diffusers.

Shaped infill panels are available through ASQuote@armstrong.com for specific partner lighting fixtures.

PHYSICAL DATA

Material
Fire-retardant particle board with face-cut veneers;

FSC® certified fire-retardant particle board is available as special request. Please contact ASQuote@armstrong.com for more information.

Surface Finish
Clear or tinted semi-gloss coating

Fire Performance
Class A: ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Installation Considerations
See installation instructions for bracket and perimeter solution guidelines.

Acoustical Performance
W4 Perforation includes standard acoustic fleece backer. For increased sound blocking (CAC), Ultima® Shapes lay-in panels can be installed as an acoustic infill panel above the WoodWorks® panel. Please note, this will add 7/8" height on the back of the board, which might impact MEP integration.

Design Considerations
WoodWorks® Shapes for DesignFlex® installation system based on parallel main beam spacing. For optimum visual design, backlighting panels is not recommended. Graining of wood is parallel to the base of the panels and main beams in the system.

For dynamic and interesting wood graining, Natural Variations™ finishes are recommended. When a more consistent visual is appropriate, Constants™ finishes are recommended.

Lighting affects the visual of WoodWorks finish.

Application Considerations
Variation among panels may occur due to the natural characteristics of the wood and grain. It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

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

Seismic Restraint
Suprafine XM for DesignFlex Shapes suspension system has been engineered, tested, and approved for use with DesignFlex Shapes panels when installed per Armstrong Ceilings installation instructions.

Warranty
Details at armstrong.com/warranty

Weight/Panel (Bulk Packed, 64 SF Min. Order Quantity)
Panels – 2.75 LBS/SF

DESIGNFLEX® SHAPES

TechLine / 877 276-7876
armstrong.com/woodworksshapes

BPCS-5931-826

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Armstrong® World Industries

DESIGNFLEX®
Suspension Systems & Accessories
WoodWorks® Shapes panels

RECYCLED CONTENT
UP TO 63%

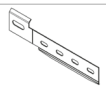
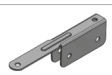
LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
	Human Health	Ecosystem Health	EPD
		Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

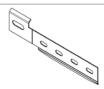
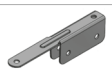
SUSPENSION SYSTEMS COMPONENTS System utilizes Suprafine® XL® main beams

Use with Suprafine® XL® Heavy-duty Main Beam – Item 7501 and Molding.

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
XL7520		24" Suprafine Cross Tee
XM7524		Suprafine Perimeter Cross Tee – 24" Main Beam Spacing
PCC		Axiom® Perimeter Corner Clip
PAC		Perimeter Angle Clip
BERC2 FZBERC2		2" Beam End Retaining Clip

60° SHAPES

Item No.		Description
75AB60L		Suprafine 60° Left Angle Bracket
75AB60R		Suprafine 60° Right Angle Bracket
75AB60D		Suprafine 60° Double Angle Bracket
XM756024		Suprafine 60° Base Cross Tee – 24" Main Beam Spacing
XM7524		Suprafine Perimeter Cross Tee – 24" Main Beam Spacing
PCC		Axiom Perimeter Corner Clip
PAC		Perimeter Angle Clip
BERC2 FZBERC2		2" Beam End Retaining Clip

For additional suspension components, trims, and clips, please consult the full installation instructions at armstrong.com/shapesinstallation

ACCESSORIES

Item No. ◆	Description	Dimensions (Inches) Nominal W × L × H	Color	Pcs/ Ctn
6044*	Tegular Border Clip	N/A	N/A	Varies
7199*	Stabilizer Clip	N/A	N/A	Varies
6045*	Wafer Head Screw	N/A	N/A	Varies
FXTBC	T-Bar Connector Clip	N/A	N/A	10
FXSPLICE	Splice Plate with Set Screws	N/A	N/A	10
AX4SPLICEB**	Axiom Splice Plate	N/A	N/A	1
6408_ _ _	3/4" Edge Banding	3/4" x 300"	CCY, CMA, CRW, CWA, NBE, NDC, NLC, NMP, NOK, NWN, NWE	N/A
5870_ _ _	Touch-Up Kit for WoodWorks® panels	N/A	CCY, CMA, CRW, CWA, NBE, NDC, NLC, NMP, NOK, NWN, NWE	1
8112C03T12W3BL	Square Foam Tape Gasket	75 LF/roll	BL	1

* Accessories are included and shipped in crate with the panels. Quantity is determined by manufacturer. Spares will be available.
** Order when angle tees intersect with corner of Axiom or trim for WoodWorks trim.
◆ When specifying or ordering, include the appropriate 3-letter color suffixes (e.g. 6408 C R W).