

# WOODWORKS® Shapes for DESIGNFLEX®

## Regular



## DESIGNFLEX® CEILING SYSTEMS

### PERSONALIZE YOUR DESIGN!

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



WoodWorks Shapes for DesignFlex in Constants Walnut



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)

#### Constants™ (Real Wood Veneers)



Maple  
(CMA)



Cherry  
(CCY)



Walnut  
(CWA)



Redux Wood  
Wheat (CRW)



Custom Finishes  
and Veneers  
Available



Walnut  
(NWN)



Oak  
(NOK)

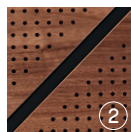


Walnut Espresso  
(NWE)

### DETAILS



1



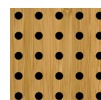
2

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)

# WOODWORKS® Shapes for DESIGNFLEX® Tegular

RECYCLED  
CONTENT

LEED V5

UP TO  
63%

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health

EPD

EPD

Circular Economy

✓

OCCUPANT EXPERIENCE

Acoustics

✓

Start your design process with a visit to our online pattern gallery at: [armstrongceilings.com/patterngallery](http://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' O.C. 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.

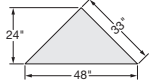


These 9 WoodWorks® Shapes with Tegular edges are available for Suprafine® XM 9/16" suspension systems:

## 45° SHAPES

### Triangles

2' Main Beam Spacing **8271** \_\_\_\_\_ Triangle



Panel 3/4" thick

**8272** \_\_\_\_\_ Right Triangle - Right



Panel 3/4" thick

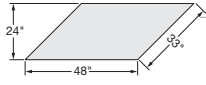
**8282** \_\_\_\_\_ Right Triangle - Left



Panel 3/4" thick

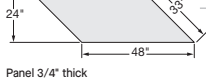
### Parallelograms

2' Main Beam Spacing **8274** \_\_\_\_\_ Right Parallelogram



Panel 3/4" thick

**8275** \_\_\_\_\_ Left Parallelogram



Panel 3/4" thick

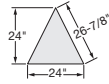
### Trapezoids

No Trapezoids available in 45° shapes

## 60° SHAPES

### Triangles

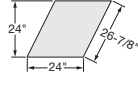
2' Main Beam Spacing **8277** \_\_\_\_\_ Triangle



Panel 3/4" thick

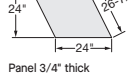
### Parallelograms

2' Main Beam Spacing **8279** \_\_\_\_\_ Right Parallelogram



Panel 3/4" thick

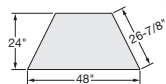
**8280** \_\_\_\_\_ Left Parallelogram



Panel 3/4" thick

### Trapezoids

2' Main Beam Spacing **8281** \_\_\_\_\_ Trapezoid



Panel 3/4" thick

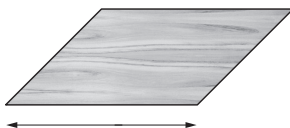
## ACOUSTICAL INFORMATION

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

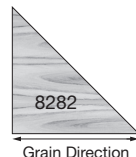
Item No.	Ultima® Lay-in Shapes Infill Panel Item #	Fleece Only NRC	Infill Panel NRC	Infill Panel CAC
<b>8271W4</b>	<b>100319</b>	0.65	0.70 *	31
<b>8272W4</b>	<b>100326</b>	0.60	0.65	32
<b>8282W4</b>	<b>100326</b>	0.60	0.65	32
<b>8277W4</b>	<b>100320</b>	0.65	0.70 *	32
<b>8279W4</b>	<b>100332</b>	0.65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

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

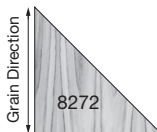
## GRAIN DETAIL – ALL SHAPES



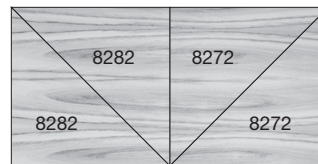
Wood grain runs parallel to main beam



Grain Direction



Grain Direction



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

[armstrongceilings.com/woodworksshapes](http://armstrongceilings.com/woodworksshapes)

**Armstrong®**  
World Industries



DESIGNFLEX® SHAPES

# WOODWORKS® Shapes for DESIGNFLEX® Tegular

RECYCLED  
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Human Health

Climate Health

Ecosystem Health

Circular Economy

Acoustics

EPD

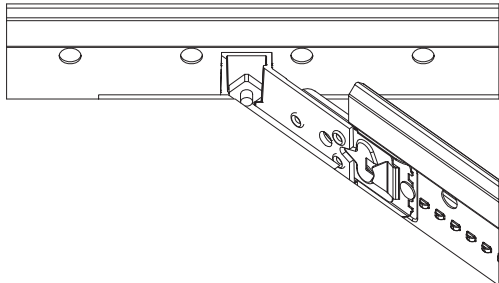
EPD

✓

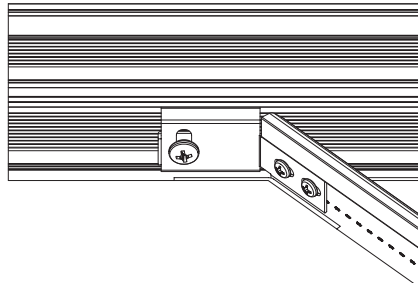
✓

## DETAILS

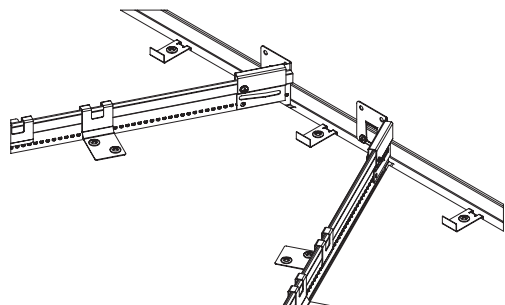
Tegular Panel installed with Angle Bracket connecting  
Suprafine® XM Cross Tee and Main Beam



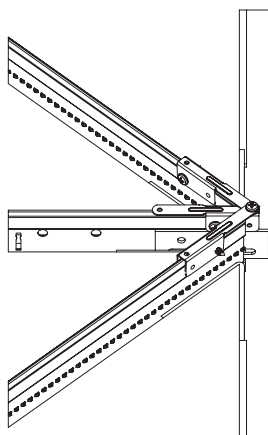
Full-size Tegular Panel Axiom® Trim Perimeter Solution,  
using AXTBC Clip



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

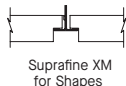


Perimeter Angle Clips (PACs) are used when multiple  
tees intersect with Wall Molding



## SUSPENSION SYSTEMS

9/16"



Suprafine XM  
for Shapes

## PARTNER COMPANIES

For more information on our partner companies, please visit [armstrongceilings.com/partners](http://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 through  
ASQuote@armstrongceilings.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@armstrongceilings.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 [armstrongceilings.com/cleaning](http://armstrongceilings.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 [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)  
Weight/Panel (Bulk Packed, 64 SF Min. Order Quantity)  
Panels - 2.75 LBS/SF

NRC  
+  
CAC

DEF

DEF

DEF

DEF

DEF

DEF

# DESIGNFLEX®

## Suspension Systems & Accessories

WoodWorks® Shapes panels

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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 [www.armstrongceilings.com/shapesinstallation](http://www.armstrongceilings.com/shapesinstallation)

### ACCESSORIES

Item No. ♦	Description	Dimensions (Inches) Nominal W x L x 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
FXSPICE	Splice Plate with Set Screws	N/A	N/A	10
AX4SPICEB**	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).

TechLine 877 276-7876

[armstrongceilings.com/woodworksshapes](http://armstrongceilings.com/woodworksshapes)

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DESIGNFLEX® SHAPES

NRC  
CAC



DEF

