new WOODWORKS® Shapes for DESIGNFLEX®

Grille Tegular



WoodWorks Shapes for DesignFlex Grille Tegular panels in Plain Slice Cherry (NPC)

DESIGNFLEX®
Ceiling Systems

Shapes Sizes Colors

Personalize your design at:
armstrong.com/designflex

Linear and geometric visuals are combined with the warmth of wood to create beautifully dynamic installations with standard items.

KEY SELECTION ATTRIBUTES

- Features triangle and parallelogram shapes with vertical or horizontal slats
- 10 standard veneers feature various species and cuts for beautiful wood visuals
- ASTM E84 Class A fire performance
- Black acoustical infill panels hide the plenum for a clean, finished install visual and provide up to 0.60 NRC
- Premium options include FSC®-certified wood (FSC® C007626)
- Meets California Department of Public Health (CDPH) low emissions standards*
- The natural warmth of wood can contribute to biophilic designs and building certification standards like the WELL™ v2 "Nature and Place" feature
- Installs efficiently with Suprafine® XM 9/16" grid
- Mix and match – Shapes also available with WoodWorks®, Calla®, Lyra®, Ultima®, Optima®, and MetalWorks™ panels

* Vertical Grain Fir (NVF) excluded

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RECYCLED CONTENT	LEED V5		
UP TO 54%	COMMON MATERIALS FRAMEWORK	Climate Health	EPD
		Human Health	EPD
		Ecosystem Health	FSC®
	3rd Party CDPH	Circular Economy	✓
	OCCUPANT EXPERIENCE	Acoustics	✓

FINISH RANGES

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

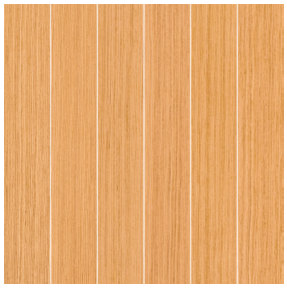
The carefully curated species and veneer cut offer a beautiful natural variation. The images here reflect the visual range that is likely within our product. Darkest to lightest tones may occur within an installation due to the character of wood.



Plain Slice White Maple (NWM)



Plain Slice White Ash (NWA)



Vertical Grain Fir (NVF)



Rift White Oak (NRO)



Plain Slice White Oak (NOK)



Plain Slice Cherry (NPC)



Quartered Mahogany (NQM)



Quartered Sapele (NQS)



Quartered Walnut (NQW)



Plain Slice Walnut (NWN)

CUSTOM FINISHES

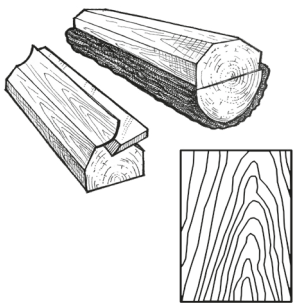


Custom Wood Species and Finishes Available

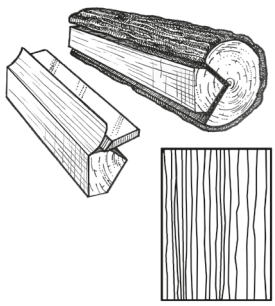
Made-to-order, custom backer colors available.

VENEER CUTS

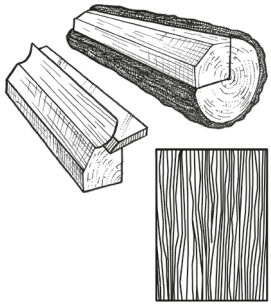
Different cuts of a log will yield different graining visuals. Choose your veneer to achieve your desired look.



Plain Sliced
Produces the well-known cathedral or loop-grain effect.



Quarter Sliced
Produces a striped, often straight-grain effect.



Rift Sliced
Produces a tight, linear grain along the entire length of the veneer.

TechLine 877 276-7876
armstrong.com/woodworksshapes

Armstrong® World Industries

DESIGNFLEX® SHAPES

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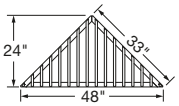
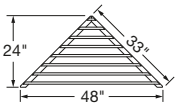
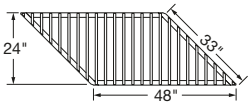
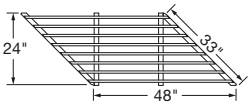
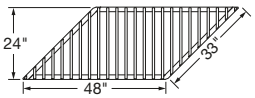
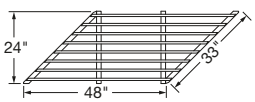
Grille Tegular

RECYCLED CONTENT
UP TO 54%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
	Human Health	Ecosystem Health	EPD
			FSC®
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

	Item No. ◆	Description	Space Between Slats	% Open Area	LBS/ SF
WOODWORKS® Shapes for DesignFlex® Grille Tegular	**5577F09T01_ _ _**	Triangle with Vertical Slats	2-1/4"	53	2.57
					
	5577F09T02_ _ _	Triangle with Horizontal Slats	2-1/4"	59	2.29
					
	5577F09T03_ _ _	Right Triangle with Vertical Slats	2-1/4"	51	2.55
					
	5577F09T04_ _ _	Right Triangle with Horizontal Slats	2-1/4"	51	2.55
					
	5577F09P01_ _ _	Left Parallelogram with Vertical Slats	2-1/4"	59	2.48
					
	5577F09P02_ _ _	Left Parallelogram with Horizontal Slats	2-1/4"	61	2.44
					
	5577F09P03_ _ _	Right Parallelogram with Vertical Slats	2-1/4"	59	2.48
					
	5577F09P04_ _ _	Right Parallelogram with Horizontal Slats	2-1/4"	61	2.44
					

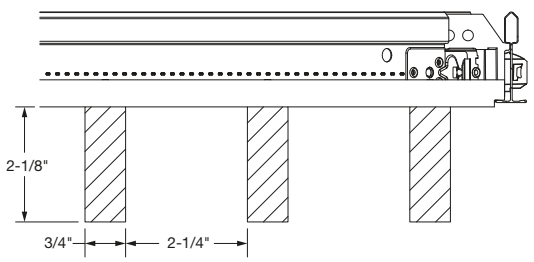
NOTE: Consult the installation instructions for detailed panel drawings.
◆ When specifying or ordering, include the appropriate 3-letter finish suffix (e.g. 5577F09T01 N O K).

ACOUSTICAL INFORMATION

Calla® Shapes Infill Panel Item No.*	NRC
8260T01BL Triangle	0.60
8260T03BL Right Triangle	0.60
8260P01BL Left Parallelogram	0.60
8260P03BL Right Parallelogram	0.60

*Infill panels are black.

DETAIL



DESIGNFLEX® SHAPES

new WOODWORKS® Shapes for DESIGNFLEX®

Grille Tegular

RECYCLED CONTENT
UP TO 54%

LEED V5

COMMON MATERIALS FRAMEWORK	Climate Health	EPD
	Human Health	EPD
	Ecosystem Health	FSC®
3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE	Acoustics	✓

VISUAL SELECTION

WOODWORKS® Shapes for DesignFlex® Grille Tegular

FSC®-Certified

FSC www.fsc.org FSC® C007626

The mark of responsible forestry

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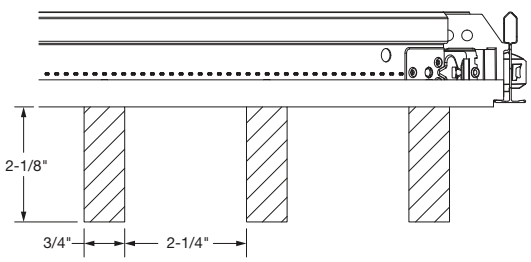
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ACOUSTICAL INFORMATION

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*Infill panels are black.

DETAIL



DESIGNFLEX®
Suspension Systems & Accessories
WoodWorks® Shapes panels

RECYCLED CONTENT
UP TO 54%

LEED V5

COMMON MATERIALS FRAMEWORK		Climate Health	EPD
	Human Health	Ecosystem Health	EPD
			FSC®
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

NRC
DEF

DESIGNFLEX® SHAPES

ACCESSORIES

	Item No. ◆		Description	Dimensions Nominal W × L × H (Inches)	Color	PCS/ CTN
Suspension Systems	**7501BL**		Suprafine® XL® 12' Heavy Duty Main Beam	9/16 × 144 × 1-11/16"	Black	20
	XM754524*		Suprafine 45° Base Cross Tee – 24" Main Beam Spacing	9/16 × 30.425 × 1-11/16"	White	60
	XL7520BL		24" Suprafine Cross Tee	9/16 × 24 × 1-11/16"	Black	60
	XM7524*		Suprafine Perimeter Cross Tee – 24" Main Beam Spacing	9/16 × 34 × 1-11/16"	White	60
	75AB45L*		Suprafine 45° Left Angle Bracket	N/A	White	10
	75AB45R*		Suprafine 45° Right Angle Bracket	N/A	White	10
	75AB45D*		Suprafine 45° Double Angle Bracket	N/A	White	10
	75CB45*		Suprafine 45° Corner Bracket	N/A	White	10
Accessories	**PCC****		Axiom® Perimeter Corner Clip	N/A	Mill Finish	10
	PAC		Perimeter Angle Clip	N/A	Mill Finish	50
	BERC2		2" Beam End Retaining Clip	N/A	Mill Finish	200
	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
	8270L96GBL		Extra Tegular Backers	1-1/2 × 96 × 1/2"	Black	6
	6776QT1_ _ _		WoodWorks® End Paint	N/A	All Finishes	1 Quart
	6776GAL1_ _ _		WoodWorks End Paint	N/A	All Finishes	1 Gallon
Perimeter Trim	**7800**		7/8" Angle Molding	7/8 × 144 × 7/8"	Black	30
	7804		Angle Molding (recommended with wood trims)	7/8 × 144 × 9/16"	White	30
	AX_VESTR_ _ _		Axiom® Vector Straight Trim	N/A	SG, BL, MY	10 LF
	AX_VECUR_ _ _		Axiom Vector Curved Trim	N/A	SG, BL, MY	10 LF
	5344BL		WoodWorks® Trim Aluminum Substrate	4" × 120"	Black	6
	5346BL		WoodWorks Trim Aluminum Substrate	6" × 120"	Black	6
Acoustical Infill Panels	**8260T01BL**		Calla® Shapes – Triangle	48 × 24 × 1"	Black	12
	8260T03BL		Calla Shapes – Right Triangle	24 × 24 × 1"	Black	24
	8260P01BL		Calla Shapes – Left Parallelogram	48 × 24 × 1"	Black	6
	8260P03BL		Calla Shapes – Right Parallelogram	48 × 24 × 1"	Black	6

◆ When specifying or ordering, include the appropriate 3-letter color suffixes (e.g. 6776QT1 N W M).
* These items come standard in White finish, however black is recommended for WoodWorks installations. Request black finish via ASQuote@armstrong.com
** Order when angle tees intersect with corner of Axiom or trim for WoodWorks trim.

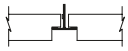
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	OCCUPANT EXPERIENCE	Acoustics	✓

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 for specific partner lighting fixtures.
To order, add L I N F to the end of any Calla® Shapes for DesignFlex® panel item number.

PHYSICAL DATA

Material
Fire-retardant medium-density fiberboard with face-cut veneers.

Vertical Grain Fir (NVF) is not CDPH compliant or covered by Declare®/HPD.

Surface Finish
Clear satin finish

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

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

Acoustical Performance
For increased sound absorption (NRC), Calla® Shapes Lay-in panels can be installed as an acoustic infill panel above the WoodWorks® panel. Please note, this will add 1" 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.

Lighting affects the visual of WoodWorks finish.

Infill Panel Use
Black infill panels will provide acoustic benefits and minimize the appearance of the matte black panel backers. If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below.

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
Refer to visual selection chart.

TechLine / 877 276-7876
armstrong.com/woodworksshapes

BPCS-7402-826

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