WOODWORKS® Shapes for DESIGNFlex™

Tegular

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

DESIGNFlex™
A New World of Choice for Ceiling Systems

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

Now, WoodWorks® Shapes in 45° and 60° triangles, parallelograms, and trapezoids with perforations for Total Acoustics Performance™.

KEY SELECTION ATTRIBUTES
- Get a custom, one-of-a-kind look with standard WoodWorks® Shapes without custom lead times
- Add Ultima® Shapes Lay-in acoustic infill panels to get total noise control and design versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Mix and match – Shapes also available with Cella®, Lyra®, Ultima®, Optima®, and MetaWorks® panels
- Create a cohesive look with:
  - TechZone® systems
  - Shaped lighting and diffusers
  - JLC-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 (COY)
- Walnut (CWA)
- Redux Wood Wheat (CRW)

Bamboo*
- Patina (BAP)
- Native (BAN)
- Custom Veneers Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

PERFORATION OPTIONS (1:2 scale shown)
- W1 (Unperforated)
- W4 – Rg 8011 (Round Straight)

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

TechLine 877 276-7876
armstrongceilings.com/designflex
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Start your design process with a visit to our online pattern gallery at: 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’ 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 – 1 877 276-7876.

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

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description/Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8271_ _ _</td>
<td>Triangle 2’ Main Beam Spacing 24” 33” 48” Panel 3/4” thick</td>
</tr>
<tr>
<td>8272_ _ _</td>
<td>Right Triangle – Right 2’ Main Beam Spacing 24” 24” 26-7/8” Panel 3/4” thick</td>
</tr>
<tr>
<td>8282_ _ _</td>
<td>Right Triangle – Left 2’ Main Beam Spacing 24” 24” 34” Panel 3/4” thick</td>
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<thead>
<tr>
<th>Item No.</th>
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<tbody>
<tr>
<td>8274_ _ _</td>
<td>Right Parallelogram 2’ Main Beam Spacing 24” 48” 26-7/8” Panel 3/4” thick</td>
</tr>
<tr>
<td>8275_ _ _</td>
<td>Left Parallelogram 2’ Main Beam Spacing 24” 48” 26-7/8” Panel 3/4” thick</td>
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</tbody>
</table>

No Trapezoids available in 45° shapes

**GRAIN DETAIL – All Shapes**

Wood grain runs parallel to main beam

**SUSPENSION SYSTEMS 9/16”**

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

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SUSPENSION SYSTEM COMPONENTS
System utilizes Suprafine® XL® main beams

Use with Suprafine® XL® Heavy Duty Main Beam – item 7501 (Pgs. 160-161) and Molding.

45° SHAPES

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>75AB45L</td>
<td>Suprafine® 45° Left Angle Bracket</td>
</tr>
<tr>
<td>75AB45R</td>
<td>Suprafine® 45° Right Angle Bracket</td>
</tr>
<tr>
<td>75AB45D</td>
<td>Suprafine® 45° Double Angle Bracket</td>
</tr>
<tr>
<td>75CB45</td>
<td>Suprafine® 45° Corner Bracket</td>
</tr>
<tr>
<td>XM754524</td>
<td>Suprafine® 45° Base Cross Tee – 24&quot; Main Beam Spacing</td>
</tr>
<tr>
<td>XL7520</td>
<td>24&quot; Suprafine® Cross Tee</td>
</tr>
<tr>
<td>XM7524</td>
<td>Suprafine® Perimeter Cross Tee – 24&quot; Main Beam Spacing</td>
</tr>
<tr>
<td>PCC</td>
<td>Axiom® Perimeter Corner Clip</td>
</tr>
<tr>
<td>PAC</td>
<td>Perimeter Angle Clip</td>
</tr>
<tr>
<td>BERC2FZB</td>
<td>2&quot; Beam End Retaining Clip</td>
</tr>
</tbody>
</table>

60° SHAPES

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<tr>
<th>Item No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>75AB60L</td>
<td>Suprafine® 60° Left Angle Bracket</td>
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<tr>
<td>75AB60R</td>
<td>Suprafine® 60° Right Angle Bracket</td>
</tr>
<tr>
<td>75AB60D</td>
<td>Suprafine® 60° Double Angle Bracket</td>
</tr>
<tr>
<td>XM756024</td>
<td>Suprafine® 60° Base Cross Tee – 24&quot; Main Beam Spacing</td>
</tr>
<tr>
<td>XM7524</td>
<td>Suprafine® Perimeter Cross Tee – 24&quot; Main Beam Spacing</td>
</tr>
<tr>
<td>PCC</td>
<td>Axiom® Perimeter Corner Clip</td>
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ACCESSORIES

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<tr>
<th>Item No.</th>
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<tbody>
<tr>
<td>6044*</td>
<td>Tegular Border Clip</td>
</tr>
<tr>
<td>7199*</td>
<td>Stabilizer Clip</td>
</tr>
<tr>
<td>6045*</td>
<td>Washer Head Screw</td>
</tr>
<tr>
<td>5659W1_</td>
<td>4&quot; WoodWorks® Trim (with aluminum substrate)</td>
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<tr>
<td>5660W1_</td>
<td>6&quot; WoodWorks® Trim (with aluminum substrate)</td>
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<tr>
<td>FXTBC</td>
<td>T-Bar Connector Clip</td>
</tr>
<tr>
<td>FXSPLICE</td>
<td>Splice Plate with Set Screws</td>
</tr>
<tr>
<td>AX4SPLICE</td>
<td>Axiom® Splice Plate</td>
</tr>
<tr>
<td>6048_</td>
<td>3/4&quot; Edge Banding</td>
</tr>
<tr>
<td>BPS870_</td>
<td>WoodWorks® Touch-Up Kit</td>
</tr>
<tr>
<td>BP8112C03T12W3BL</td>
<td>Square Foam Tape Gasket</td>
</tr>
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</table>

◆ When specifying or ordering, include the appropriate 3-letter color suffixes (e.g. 8277W1NOK).
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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

PARTNER COMPANIES

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

Shaped infill panels are available through ASquote@armstrongceilings.com for Axis lighting fixtures.

SUSPENSION SYSTEMS

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

9/16”

Suprafine® XM for Shapes

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
- 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 Index 25 or less. Smoke Developed Classification 50 or less.

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.

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.

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