



METAL WORKS™

Torsion Spring
Custom

Inspiring Great Spaces®

Armstrong®
CEILING SOLUTIONS

METALWORKS™ Torsion Spring

Custom Ceiling Systems
flat and curved



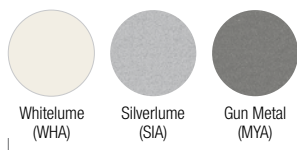
MetalWorks™ Torsion Spring Ceiling System with Custom Perforation

KEY SELECTION ATTRIBUTES

- Monolithic visual with 100% downward accessibility
- Perfect for jobs requiring larger flat or curved panels
- Custom size capabilities ranging from a minimum 12" width up to 120" length
- Reflections™ laminate finishes provide superior wood look visual with printed vinyl bonded to aluminum
- Print finishes provide wood look visual printed on aluminum
- Custom bulkheads and trim available
- NRC values up to 0.90 with fiberglass infill panels (select perforation patterns)
- Durable – Scrubbable, Impact-resistant, Soil-resistant, Washable
- Cutouts for recessed lights and sprinklers available
- Standard Torsion Spring flat panels now available for installation on Prelude® 15/16" suspension system
- For more information, call 1 877 276 7876

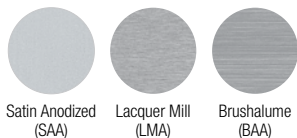
COLOR SELECTION Due to printing limitations, shade may vary from actual product.

MetalWorks™ – Interior and Exterior



Part of the Sustain™ portfolio, meeting sustainability compliance standards

MetalWorks – Interior Only



Custom Colors Available

Reflections™ Laminate Finishes – Interior and Exterior



Natural Maple (LNMP)

Natural Oak (LNO)

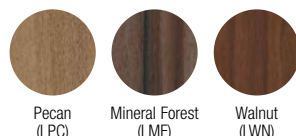
Reflections Laminate Finishes – Interior Only



Arctic Maple (LAM)

Rock Maple (LRM)

Light Cherry (LLC)



Pecan (LPC)

Mineral Forest (LMF)

Walnut (LWN)

PureWood Veneer Finishes – Interior Only



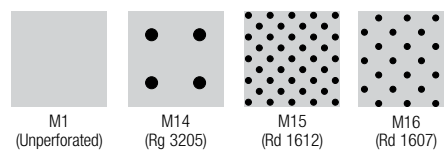
Maple (NMP)

Light Cherry (NLC)

Dark Cherry (NDC)

PERFORATION OPTIONS (1:2 scale shown)

Painted and Laminate Perforations



M1 (Unperforated)

M14 (Rg 3205)

M15 (Rd 1612)

M16 (Rd 1607)

M17 (Rv 3223)

M18 (Rd 3210)

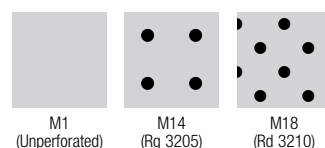
M19 (Rd 3220)

M17 (Rv 3223)

M18 (Rd 3210)

M19 (Rd 3220)

PureWood Perforation Options (1:2 scale shown)



M1 (Unperforated)

M14 (Rg 3205)

M18 (Rd 3210)

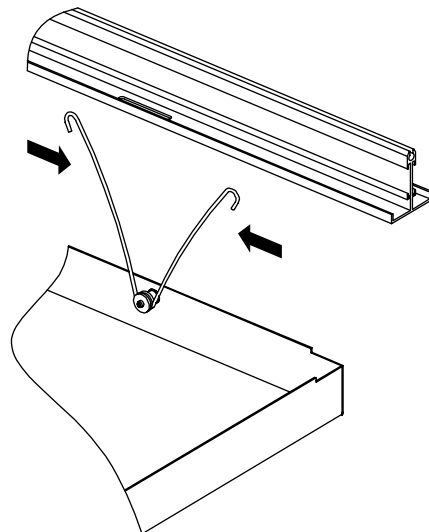


Custom Perforations Available

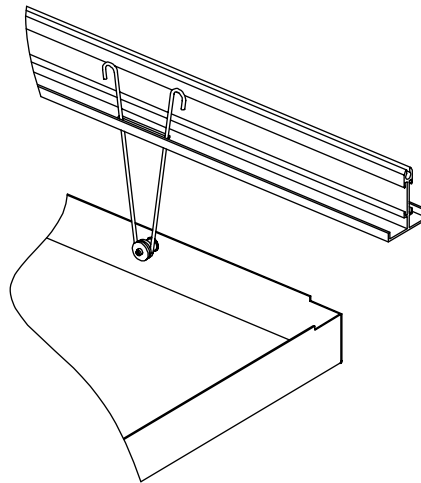
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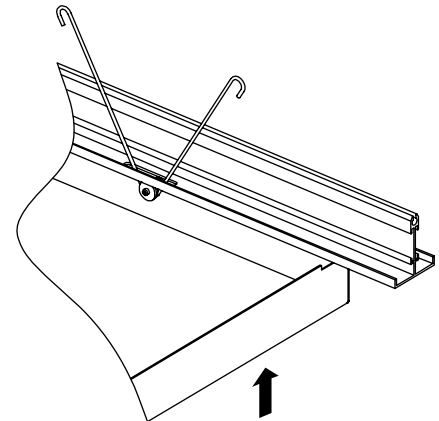
HOW TO INSTALL PANELS



Step 1
Pinch both legs of
Torsion Spring together

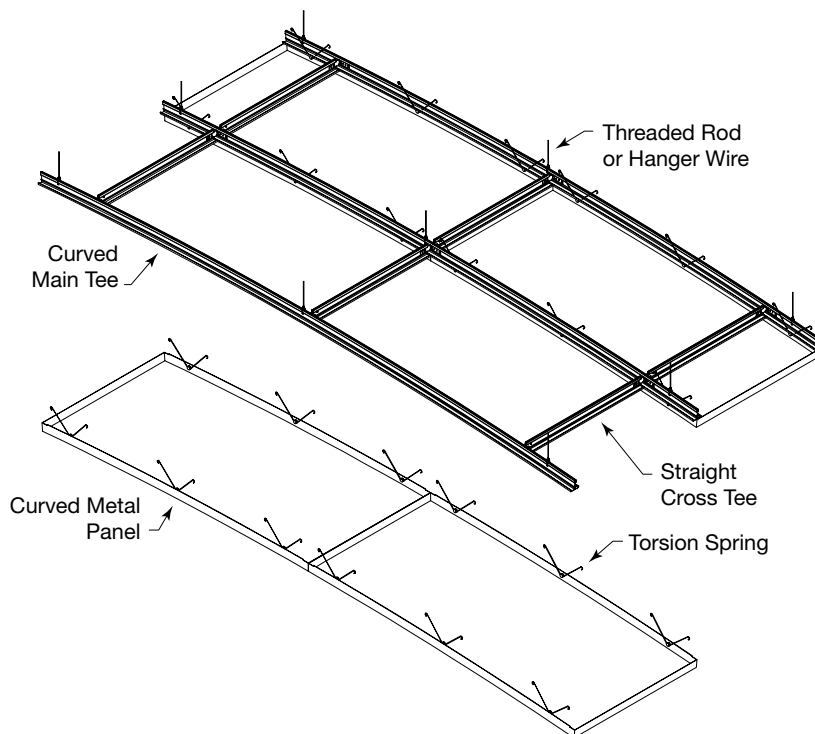


Step 2
Insert legs of Torsion Spring into
slot found on Main Beam or Cross Tee
(from underside of Tee)



Step 3
Release Torsion Spring and push Panel
into place, allowing Panel Return to
sit flush with underside of Tee

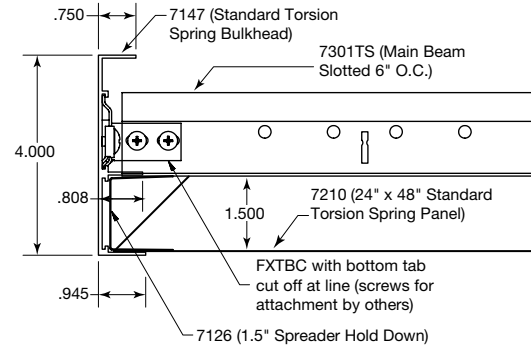
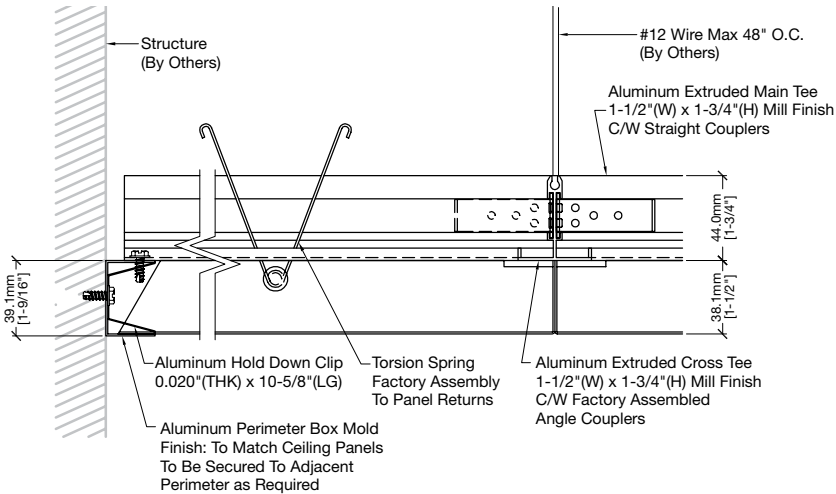
INSTALLATION DETAILS – CURVED SYSTEM



MetalWorks™ Torsion Spring Custom Curved Ceiling System
30" x 82" planks with Rg 2516 perforation in Cream Weave finish

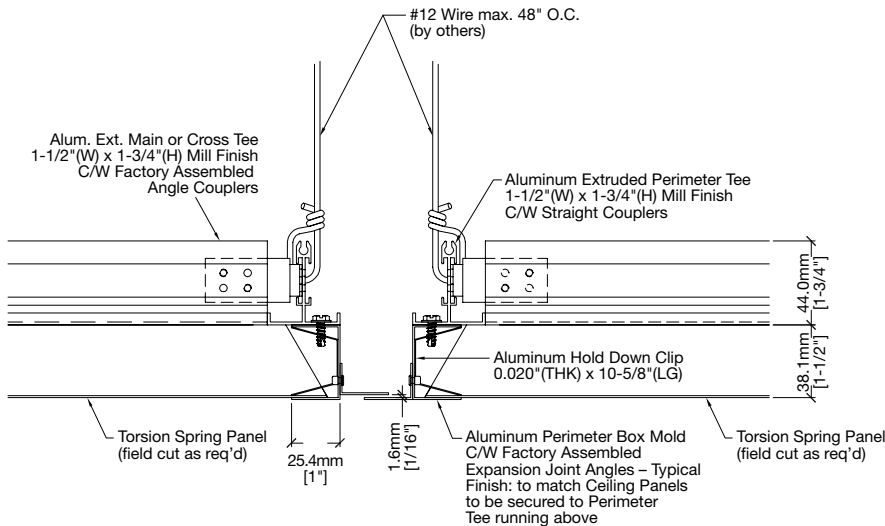
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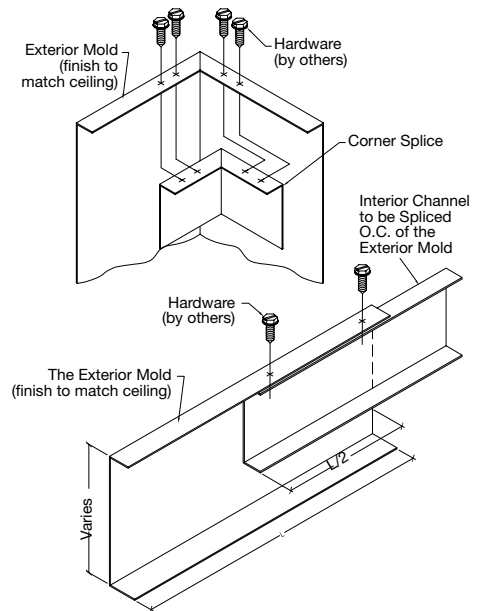


MW Standard Torsion Spring Perimeter Bulkhead

DETAIL AT EXPANSION JOINT



CORNER SPLICE AND STAGGERED MOLDING



Printed on recyclable paper
with vegetable-based inks.
Please Recycle ♻️

MIX
Paper from
responsible sources
FSC® C000000
www.fsc.org

PHYSICAL DATA

Panel Dimensions

Panel dimensions range from a minimum 12" width up to a 120" length. Our Armstrong® Architectural Specialties project management team is available to assist in project design.

Material

Aluminum - thickness 0.032"; options up to 0.125". Panels also available in steel. Consult the Armstrong Architectural Specialties project management team.

Finishes

The Torsion Spring Plank Systems offer an extensive range of ceiling options for maximum design and installation flexibility, including multiple pre- and post-coated finishes.

Acoustical Options

Perforated custom panels are supplied with a black fiberglass fleece to absorb sound.

Fire Performance

Painted aluminum and Ceiltex finishes tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics: Flame Spread Rating 20. Smoke Developed Classification 0.

Painted Aluminum finishes CAN/ULC S102 surface burning characteristics: Flame Spread Rating 0. Smoke Developed Classification 0.

Laminate finish tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

Recycled Content

Minimum 25%. Up to 98% recycled content available.

Design Consideration

Sizes can be mixed and matched on non-perforated panels only.

Reflections™ laminates and Brushalume are available in limited panel widths.

MetalWorks steel and aluminum panels are made at different manufacturing facilities that use different paint systems. Because of this, similar colors (i.e., White and Whitelume) are not exact color matches. Please consider this when designing adjacent spaces with multiple MetalWorks products.

Design Support

Project management assistance is available by calling 1 877 276 7876, options 1-1-4 to work with the Architectural Specialties project management team.

Warranty

One (1) Year Limited Warranty.
Details: armstrong.com/warranty

TechLine™ / 1 877 276 7876
armstrongceilings.com/commercial
(search: metalworks)
BPCS-4384-517

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