METALWORKS™ TorsionSpan
Custom Ceiling Systems
smooth texture

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

Mitered 90 degree corner in MetalWorks™ TorsionSpan™ in Whitelume

MetalWorks™ Torsion Spring panels provide a monolithic visual with a unique hide-the-grid installation with 100% swing-down accessibility.

KEY SELECTION ATTRIBUTES

- *(new)* Four new Sequels™ pre-coat, woodlook finishes are part of the FAST134 program, including downlight panels
- *(new)* Seventeen standard Effects™ wood-look finishes offer design options in bold, subtle, and classic woodgrain looks
- *(new)* Natural Reflections laminate finishes provide superior wood-look visual with printed inyl bonded to aluminum, now Class A and Canadian fire tested; visuals other than the ones shown are also available

- *(new)* Sustainable Beyond Standard: Select standard and custom panels are part of the Sustain™ portfolio, and meet the most stringent industry sustainability compliance standards today
- *(new)* MetalWorks™ FASTPeel™ panels feature an easier-to-remove protective film
- Large panels span the entire length of the corridor
- Monolithic visual with 100% swing down accessibility

- 24" wide panels with custom lengths up to 120"
- NRC values up to 0.90 with fiberglass infill panels (select perforation patterns)
- Multiple design options for turning 90 degree corners
- Unique installation reduces wires required to support the suspension system

- Seismic tested and approved
- Durable – Washable, Scrubbable, Impact-resistant, Soil-resistant
- For more information, call 1 877 276 7876 and select options 1-1-4 to work with the Architectural Specialties project management team

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Declare.

15% RECYCLED CONTENT

For LEED contribution contact TechLine

LEED® WELL™ LBC

energy management | construction waste mgmt | regional materials | design for flexibility | EPD | recycled/extended producer resp. | biobased materials | recycled content | sourcing of raw materials | material ingredient reporting | low emitting/materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

STANDARD COLORS & FINISHES
Due to printing limitations, shade may vary from actual product.

Painted

Whitelume (WHA)	Silverlume (SIA)	Gun Metal (MYA)	Satin Anodized* (SAA)	Lacquer Mill* (LMA)	Brushalume* (BAA)

Sequels™
Pre-coated Coil, Fast Lead Time

La Jolla Oak* (SQLO)	New Haven Walnut* (SQNW)	Cape May Cherry* (SQCC)	Montauk Driftwood* (SQMD)

Natural Reflections (Interior Only)
Sustainable Laminate Finishes

Cool Maple (LCM)	Honest Maple (LHS)	Honey Maple (LHM)	Spring Cherry (LSC)	Beloved Oak (LBO)	English Walnut (LEW)	Midnight Forest (LMD)

Effects™ Classic
Dye-Sublimation

Effects Cherry (FXCH)	Effects Dark Cherry (FXDC)	Effects Oak (FXOK)
Effects Walnut (FXWN)	Effects Walnut Espresso (FXWE)	

Effects™ Bold
Dye-Sublimation

Effects Sea Salt (FXSS)	Effects Ginger (FXGR)	Effects Nutmeg (FXNM)
Effects Poppy Seed (FXPS)	Effects Peppercorn (FXPC)	Effects Almond (FXAL)

Effects™ Subtle
Dye-Sublimation

Effects Sesame (FXSE)	Effects Macadamia (FXMA)	Effects Cinnamon (FXCM)
Effects Flax (FXFL)	Effects Cocoa Bean (FXCB)	Effects Coriander (FXCO)

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*Not part of the Sustain™ portfolio
Sequels finishes for exterior: Available in M1 only on item 7225, and unavailable on item 7226.
Effects finishes are standard in 24" × 48" panels in M1 and M16.
Natural Reflections available for exterior applications as a custom option.

STANDARD PERFORATION OPTIONS (1:2 scale shown)

M1 (Unperforated)	M14 (Rg 3205)	M15 (Rd 1612)	M16 (Rd 1607)	M17 (Rv 3223)	M18 (Rd 3210)	M19 (Rg 3220)

CUSTOM COLORS & FINISHES
Due to printing limitations, shade may vary from actual product.

Custom Colors Available

Custom Wood-Look Finishes Available

For custom options contact ASQuote, ASQuote@armstrongceilings.com

PERFORATION OPTIONS

Custom Perforations Available

Create!™ Custom Perforations Available

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METALWORKS™ Torsion Spring
Interior and Exterior
smooth texture

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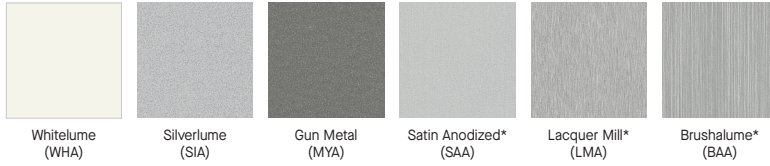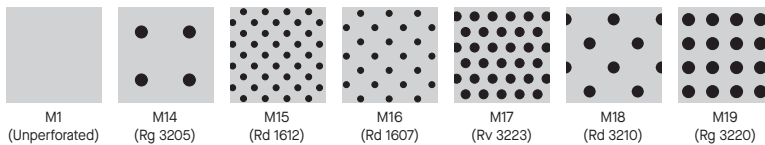
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energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/ extended producer resp.
biobased materials
recycled content
sourcing of raw materials
material ingredient reporting
low emitting/ materials
lighting quality
acoustics

▲ LOCATION DEPENDENT
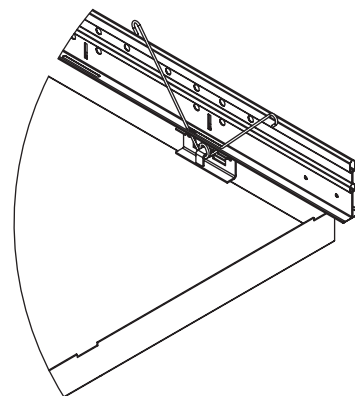
HOW TO INSTALL PANELS

Step 1
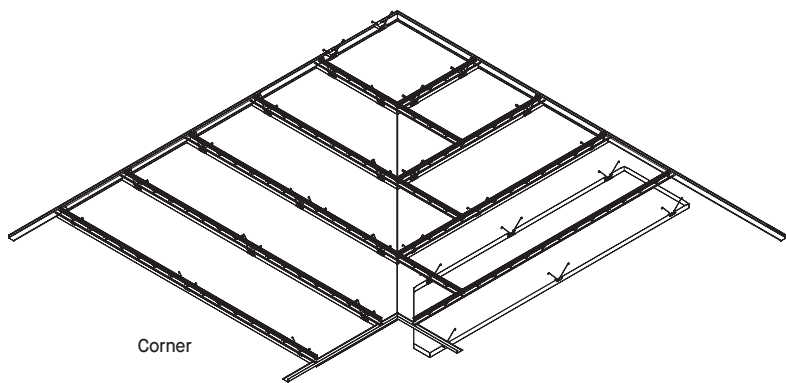Pinch both legs of Torsion Spring together
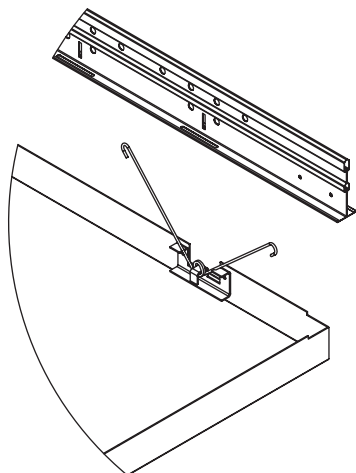
Step 2
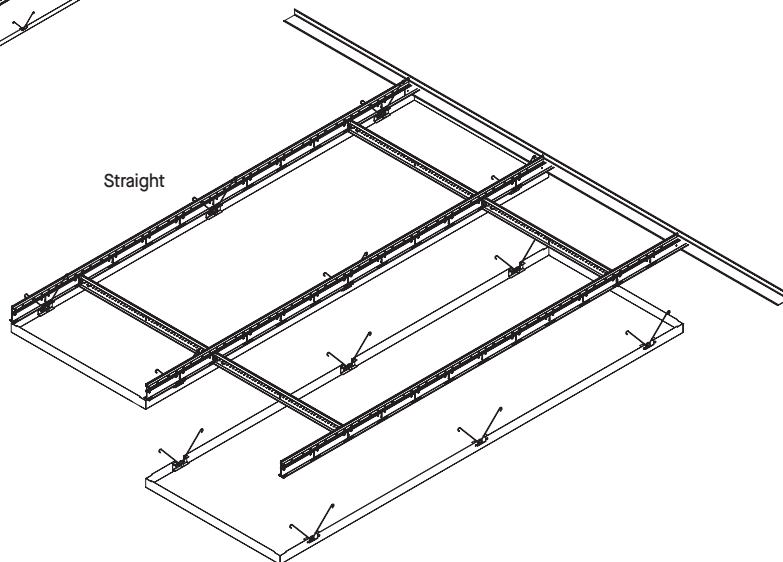Insert legs of Torsion Spring into slot found on Main Beam
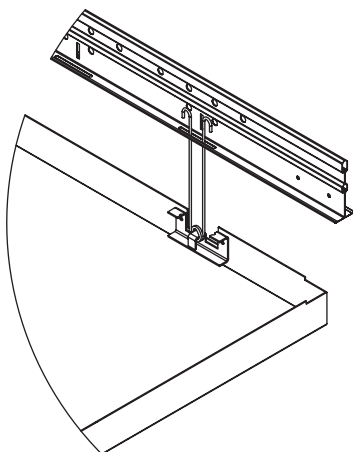
Step 3
Release Torsion Spring and push Panel into place

INSTALLATION DETAILS – CORNERS

Corner

Straight

METALWORKS™ – Custom

TechLine 877 276-7876

armstrongceilings.com/metalworkstorsionspring

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▲ LOCATION DEPENDENT

STRAIGHT WALL CONDITION

Spring Edge

Cut End with Molding
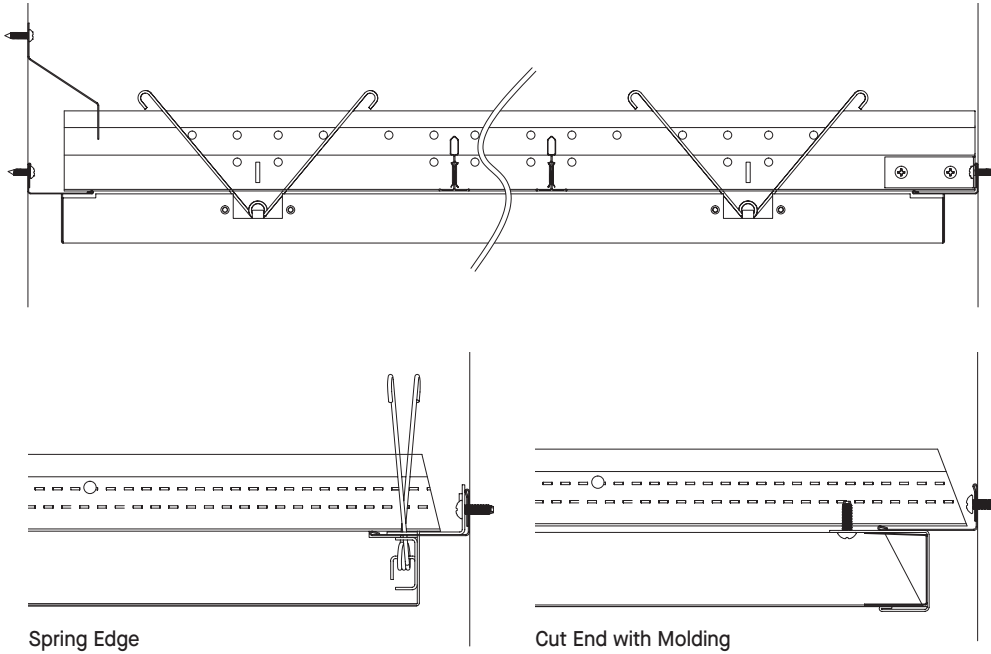
Perforation		NRC with acoustical fleece ††	NRC with 1" fiberglass infill ††
M1† Unperforated		N/A	N/A
M14†	Rg 3205	0.55	0.85
M15	Rd 1612	0.70	0.90
M16	Rd 1607	0.70	0.80
M17†	Rv 3223	0.75	0.90
M18†	Rd 3210	0.65	0.85
M19†	Rg 3220	0.75	0.90
M20 (Ceiltex only)		0.70	0.90

† Available for exterior applications
†† Maximum NRC achieved with acoustical infill (Item 8200T10 or 5823). For additional infill options, refer to the Acoustical Infill data page (BPCS-4172).

For infill panel information, visit armstrongceilings.com/mwaccessories

PHYSICAL DATA

Material
Aluminum – 0.040"

Surface Finish
Painted: Factory-applied polyester paint
Laminates: Vinyl-faced membrane
Custom colors and finishes available.

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

CAN/ULC S102: 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.

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

Recycled Content
Up to 15%.

Design Considerations
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.

Anodized and Lacquer Mill finishes may vary in shade between production runs as well as over time. Sizes can be mixed and matched on non-perforated panels only.

Installation Considerations
Due to the length of the panels in this system, two or more people must handle each panel during installation to avoid kinking.

Panels with certain product finishes, e.g., Effects™ and Natural Reflections, are not MetalWorks™ FASTPeel™ panels and will be protected by other means for packaging and handling purposes.

Design Support
For custom design assistance contact ProjectWorks® Design Services or visit armstrongceilings.com/projectworks

Cleaning and Disinfecting
Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

Warranty
Details at armstrongceilings.com/warranty

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