

# METALWORKS™ Torsion Spring Interior and Exterior smooth texture

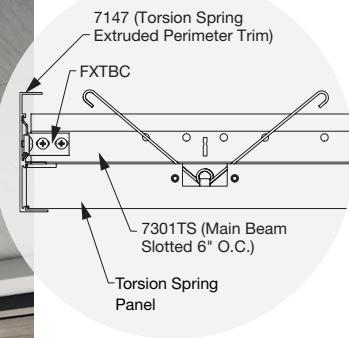


**FAST134**  
Select Items Ship Fast  
[armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)



MetalWorks Torsion Spring panels in Sequels – Montauk Driftwood

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



**CREATE!™**  
CUSTOM PERFORATIONS



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

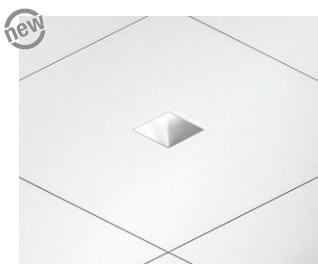
MetalWorks™ Torsion Spring panels provide a monolithic visual with a unique hide-the-grid installation with 100% swing-down accessibility.

## KEY SELECTION ATTRIBUTES

- new** • Four new Sequels™ pre-coat, wood-look finishes are part of the FAST134 program, including downlight panels
- Seventeen standard Effects™ wood-look finishes offer on-trend design options in bold, subtle, and classic woodgrain looks
- new** • Natural Reflections laminate finishes provide superior wood-look visual with printed vinyl bonded to aluminum, now Class A and Canadian fire tested; visuals other than the ones shown are also available
- Precise factory-cut downlight panels are fit-and-finish certified to integrate with USAI® Lighting BeveLED® 2.2 and BeveLED® Mini trimless downlights
- 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

- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Select products included in the FAST134 program – ready to ship in 4 weeks or less
- Transform your images onto custom perforated MetalWorks™ Create!™ ceiling panels for a unique aesthetic plus acoustical performance
- Interior panels feature swing-down accessibility
- Exterior options available in 24 x 24 x 1-1/2" and 24 x 48 x 1-1/2" standard panel sizes
- NRC values up to 0.90 with fiberglass infill panels (select perforation patterns)
- Washable and impact-, scratch-, and soil-resistant

*Now, Lighting  
Integration  
Made Easy*



**DOWNLIGHTING:** MetalWorks Torsion Spring center-cut panel with coordinating USAI® Lighting trimless downlight fixture. Integration details at [armstrongceilings.com/downlighting](http://armstrongceilings.com/downlighting)

# METALWORKS™ Torsion Spring Interior and Exterior smooth texture



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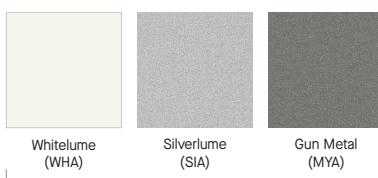


For LEED contribution contact TechLine

## STANDARD COLORS & FINISHES

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

### Painted



**Sequel™**  
Pre-coated Coil, Fast Lead Time



Whitelume (WHA)  
Silverlume (SIA)  
Gun Metal (MYA)

Satin Anodized (SAA)

Lacquer Mill (LMA)

Brushalume (BAA)

La Jolla Oak (SQLO)

New Haven Walnut (SQNW)

Cape May Cherry (SQCC)

Montauk Driftwood (SQMD)

These colors are part of the Sustain™ portfolio



### 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)

These colors are part of the Sustain™ portfolio



### Effects™ Classic Dye-Sublimation



Effects Cherry (FXCH)

Effects Dark Cherry (FXDC)

Effects Oak (FXOK)

### Effects™ Bold Dye-Sublimation



Effects Sea Salt (FXSS)

Effects Ginger (FXGR)

Effects Nutmeg (FXNM)

### Effects™ Subtle Dye-Sublimation



Effects Sesame (FXSE)

Effects Macadamia (FXMA)

Effects Cinnamon (FXCM)



Effects Walnut (FXWN)

Effects Walnut Espresso (FXWE)



Effects Poppy Seed (FXPS)

Effects Peppercorn (FXPC)

Effects Almond (FXAL)



Effects Flax (FXFL)

Effects Cocoa Bean (FXCB)

Effects Coriander (FXCO)

Sequel finishes for exterior: Available in M1 only on item 7225, and unavailable on item 7226.

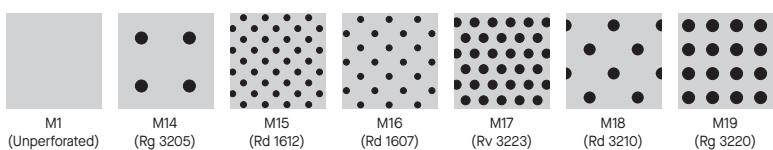
Effects finishes are standard in 24" x 48" panels in M1 and M16.

Natural Reflections available for exterior applications as a custom option.

Contact AS Quote for custom size and perforation options.

## 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

TechLine 877 276-7876

armstrongceilings.com/metalworkstorsionspring

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World Industries

METALWORKS™ – Standard



# METALWORKS™ Torsion Spring

## Interior and Exterior

smooth texture



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16% RECYCLED CONTENT

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	

For LEED contribution contact TechLine

## VISUAL SELECTION Contact ASOrder@armstrongceilings.com for custom options.

Item No.♦	Dimensions (Inches) W x L x H Custom Sizes Available	PERFORMANCE			ACOUSTICAL INFORMATION		
		Fire Performance	Light Reflect*	Springs per Panel	CleanAssure™ Disinfectable Panels	NRC with acoustical fleece	NRC with 1" fiberglass infill ††
METALWORKS™ Torsion Spring Interior Panels Square 15/16"	7209----- 24 x 24 x 1-1/2"	Class A	0.75	4		N/A	N/A
	7210----- 24 x 48 x 1-1/2"	Class A	0.75	4		0.55	0.85
	7211----- 24 x 72 x 1-1/2"	Class A	0.75	6		0.70	0.90
	7212----- 24 x 96 x 1-1/2"	Class A	0.75	6		0.70	0.80
	7213----- 30 x 30 x 1-1/2"	Class A	0.75	4		0.75	0.90
Other Size Panels	W: 6" - 24" L: Up to 96" in 6" increments	Class A	0.75	Varies		Rd 3223	Rd 3210
	W: 30" - 48" L: Up to 48" in 6" increments (Aluminum will be 0.060" thick)	Class A	0.75	Varies		Rg 3205	Rg 3220
Exterior Panels Square 15/16"	7225----- 24 x 24 x 1-1/2"	Class A	0.75	4		0.65	0.85
	7226----- 24 x 48 x 1-1/2"	Class A	0.75	4		0.75	0.90



FAST134 program items ready to ship from manufacturer in 4 weeks or less.  
Up-to-date lead times and product options (sizes and colors) at [armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)

♦ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g., 7209 M 14 L M A).  
\* Light reflectance is for unperforated Whitelume.

## PHYSICAL DATA

**Material**  
All panels, except 7226: Aluminum - 0.040"  
7226: Aluminum - 0.063"

**Surface Finish**

Painted: Factory-applied polyester paint  
Effects: Powder-coated, dye-sublimation, post-production  
Sequels: Pre-coated coil

Natural Reflections: PVC-free laminates

Custom colors and finishes available.

Custom Sequels finishes are available for orders 10,000 SF or larger.

**Fire Performance**

Painted, Effects, Natural Reflections and Sequels finishes: Class A: ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Natural Reflections Finishes: CAN/ULC S102: Flame Spread Rating 30. Smoke Developed Classification 30.

Painted aluminum finishes: CAN/ULC S102:  
Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

**ASTM E1264 Classification**

Painted, Effects, Natural Reflections and Sequels finishes:  
Unperforated: ASTM E1264 Type XX Pattern C Fire Class A  
Perforated - ASTM E1264 Type XX Pattern C Fire Class A

**Acoustical Options**

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

**Recycled Content**  
Up to 16%.

**Design Considerations**

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

30" x 30" panels have a directional finish that is perpendicular to the main beams; all other panel sizes have a directional finish that is parallel to the main beams.

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.

On pre-coated finishes, clarity of image is best on flat surfaces. Pattern repeat may occur. Product is dyed-lotted. Due to potential color variation, be certain to order sufficient initial quantities and attic stock.

**Wind Uplift Performance**

24" x 24" and 24" x 48" panels noted for exterior flat applications tested for wind uplift Classes 30, 60, and 90. Specific installation instructions to meet these classes are available.

**Design Support**For custom design assistance contact ProjectWorks® Design Services or visit [armstrongceilings.com/projectworks](http://armstrongceilings.com/projectworks)**Seismic Restraint**

MetalWorks Torsion Spring panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

**Cleaning and Disinfecting**Cleaning and CDC approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)**FAST134 Program Considerations**

Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in one week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service.

Stock vs Made-to-Order Matters: FAST3 &amp; FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

**Warranty**

One (1) year limited warranty.

Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)**Weight**

0.69 lbs/SF

0.86 lbs/SF (Item 7226)

EXAMPLE: **7209 M14 LMA**

Panel Item → Perforation: M14 Round Straight Rg 3205 → Finish: Lacquer Mill

# METALWORKS™ Torsion Spring Interior and Exterior Installation Details



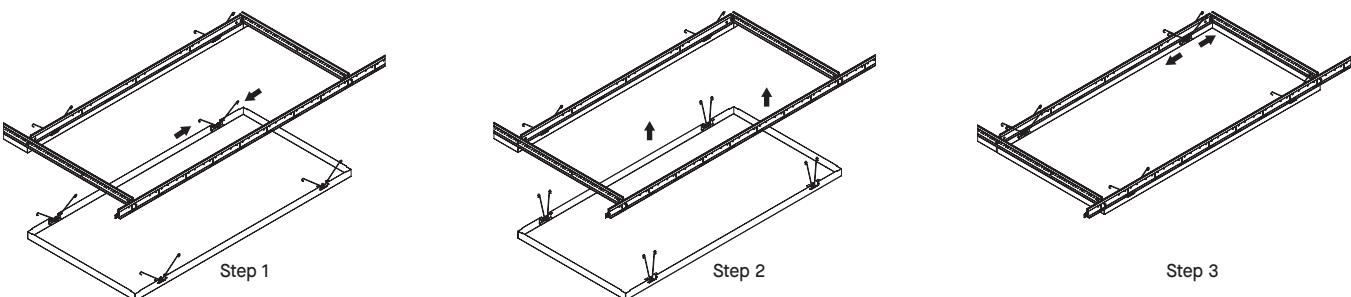
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**16%** RECYCLED CONTENT

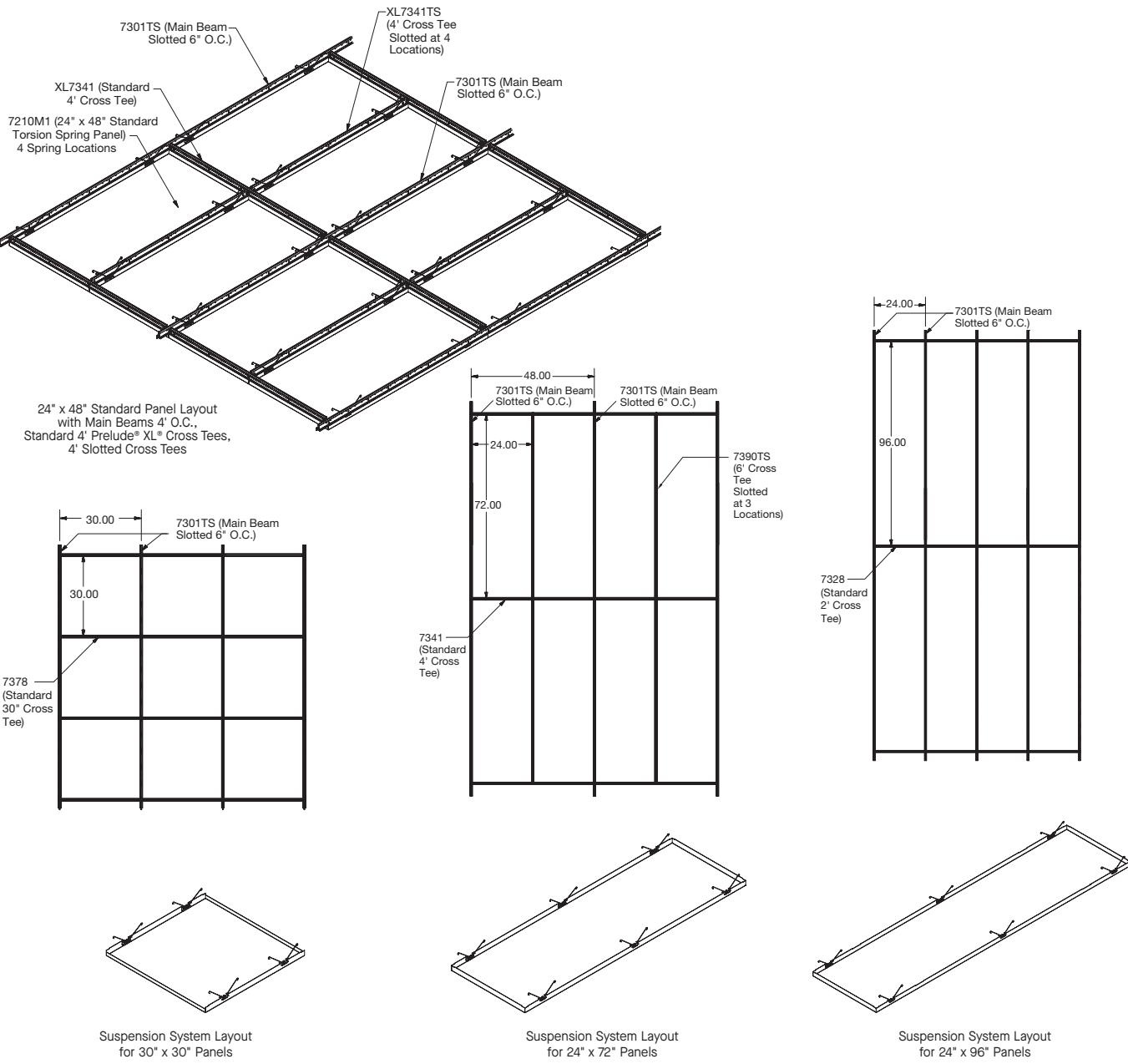
energy management	✓	✓	✓	✓
construction waste mgmt	✓	✓	✓	✓
regional materials	✓	✓	✓	✓
design for flexibility	✓	✓	✓	✓
EPD	✓	✓	✓	✓
recyclable/ extended producer resp.	✓	✓	✓	✓
biobased materials	✓	✓	✓	✓
recycled content	✓	✓	✓	✓
sourcing of raw materials	✓	✓	✓	✓
material ingredient reporting	✓	✓	✓	✓
low emitting/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

For LEED contribution contact TechLine

## HOW TO INSTALL PANELS



**INTERIOR INSTALLATION DETAILS** For exterior details, consult the MetalWorks™ Exterior Torsion Spring installation instructions, BPLA-297922, on our website.



METALWORKS™ – Standard

TechLine 877 276-7876

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

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# METALWORKS™ Torsion Spring Interior and Exterior Perimeter Details



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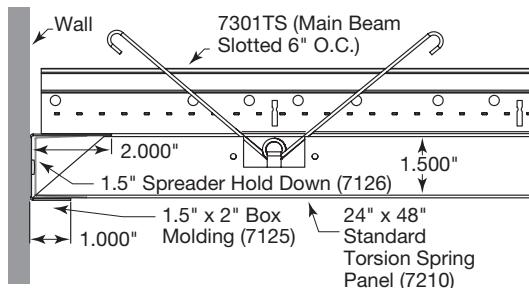
energy management	✓	✓	✓	✓	✓
regional materials	✓	✓	✓	✓	✓
design for flexibility	✓	✓	✓	✓	✓
EPD	✓	✓	✓	✓	✓
recyclable/extended producer resp.	✓	✓	✓	✓	✓
biobased materials	✓	✓	✓	✓	✓
recycled content	✓	✓	✓	✓	✓
sourcing of raw materials	✓	✓	✓	✓	✓
material ingredient reporting	✓	✓	✓	✓	✓
low emitting/ materials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

For LEED contribution contact TechLine

LOCATION DEPENDENT

**INTERIOR WALL PERIMETER DETAILS** – For exterior details, consult the MetalWorks™ Torsion Spring Exterior installation instructions, BPLA-297922, on our website.

## Installation Detail – Wall Perimeter

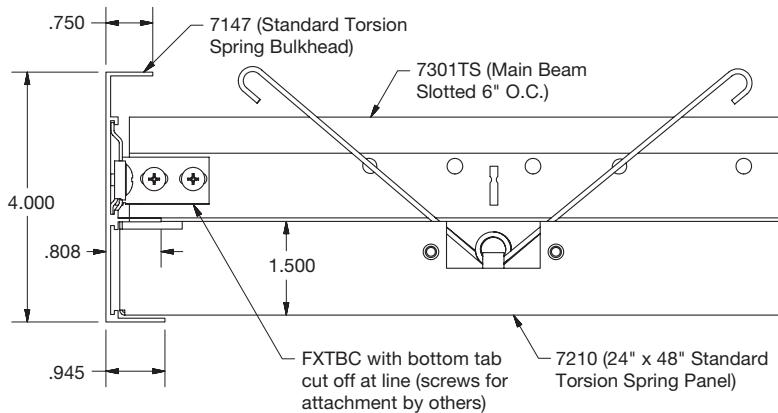


## DISCONTINUOUS SYSTEM PERIMETER DETAILS

### Installation Detail – Extruded Perimeter Trim #7147

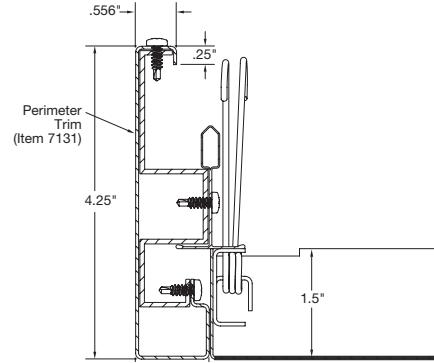
Recommended for use with both Sequels™ and Natural Reflections finishes. Available in Effects™ as custom finish.

#### Full Panels

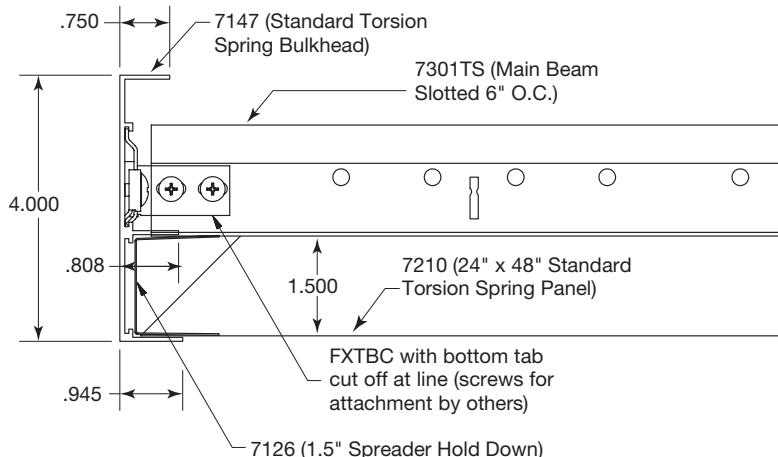


### Installation Detail – Formed Perimeter Trim #7131

Recommended for use with LMA, BAA, and SAA finishes.



#### Cut Panels



# METALWORKS™ Torsion Spring Interior and Exterior Installation Details



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CONTENT

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					

For LEED contribution contact TechLine

## ACCESSORIES

	Item No.◆	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/ Carton
Wall-to-Wall Installs	7125_ _ _	Box Molding	2 x 96 x 1-1/2"	WHA, SIA, MYA, SAA, LMA, BAA, BL  Black is recommended for Sequels™ and Natural Reflections panel finishes  Available in Effects™ panel as custom finish	10
	7147_ _	Torsion Spring Perimeter Trim (Extruded)	1 x 120 x 4"	WH, SG, MY, BL*	6
	7131_ _ _	Torsion Spring Perimeter Trim (Formed)	1 x 96 x 4-1/4"	LMA, BAA, SAA	6
Acoustical Infill Panels	5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black	12
	8200T10	1" Fiberglass Infill Bag	24 x 24 x 1"	Black (Gloss)	12
Other Accessories	7129	Torsion Spring Hook Access Tool	N/A	N/A	1
	7130	Torsion Spring Suction Access Tool	N/A	N/A	1
	7126	Spreader Hold Down	1 x 10-5/8 x 1-1/2"	N/A	50

◆ When specifying or ordering, include the appropriate color code with the item number (e.g. 7131\_L\_M\_A)

\* Coordinates with WHA, SIA, MYA Torsion Spring panel finishes



METALWORKS™ – Standard

# METALWORKS™ Torsion Spring Interior and Exterior

## Perimeter Details



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### SUSPENSION SYSTEMS



Item No.	Description	Dimensions (Inches)
15/16" Prelude® XL® Suspension System Some items slotted for Torsion Spring.	7301TS Prelude XL 12' HD Main Beam – slotted for Torsion Spring	144 × 15/16 × 1-11/16"
	XL7341TS Prelude XL 4' Cross Tee – slotted for Torsion Spring	48 × 15/16 × 1-11/16"
	XL7390TS Prelude XL 6' Cross Tee – slotted for Torsion Spring	72 × 15/16 × 1-11/16"
	XL7378 Prelude XL 30" Cross Tee	30 × 15/16 × 1-3/8"
	XL8320 Prelude XL 2' Cross Tee	24 × 15/16 × 1-11/16"
	XL7341 Prelude XL 4' Cross Tee	48 × 15/16 × 1-11/16"
Exterior Suspension System 15/16" Prelude XL Some items slotted for Torsion Spring.	7301G90ATS Prelude XL 12' HD Exterior Main Beam – slotted for Torsion Spring	144 × 15/16 × 1-11/16"
	XL7341G90ATS Prelude XL 4' Exterior Cross Tee – slotted for Torsion Spring	48 × 15/16 × 1-11/16"
	XL7321G90A Prelude XL 2' Exterior Cross Tee	24 × 15/16 × 1-11/16"

METALWORKS™ – Standard

# LIGHTING SOLUTIONS

## METALWORKS™ Torsion Spring

Center-cut Panels for Recessed Downlighting  
smooth texture



MetalWorks Torsion Spring center-cut downlight panels in Sequels - New Haven Walnut



METALWORKS™ – Standard

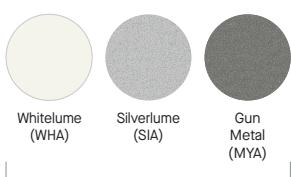
Pre-cut durable, metal ceiling panels are designed to seamlessly integrate with trimless downlights.  
Perfectly centered fixtures, perfectly cut tiles—every time.

### KEY SELECTION ATTRIBUTES

- Perfectly centered USAI® Lighting fixtures for flush-fit visual
- Coordinating fixture colors available for all standard downlight finishes
- Time and labor savings solution – downlight fixtures are fully adjustable within the system so there is no cutting, no mess, and no need to remove panels
- Entire system helps contribute to healthier spaces, part of CleanAssure™ portfolio
- Clean, minimal trimless appearance in durable, factory-cut metal panels
- Pre-cut Torsion Spring panels available in FAST134 program
- Pre-engineered and tested for fit-and-finish in all seismic areas
- For offset factory-cut panels, contact ASQuote@armstrongceilings.com  
Custom grid layouts are possible depending on lighting layout.

**COLORS** Due to printing limitations, shades may vary from actual product.

Painted



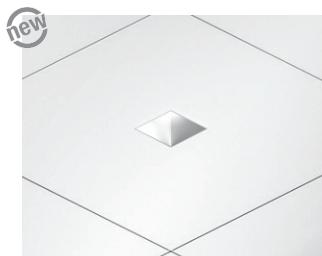
These colors are part of the Sustain™ portfolio

**Sequels™**  
Pre-coated Coil, Fast Lead Time



These colors are part of the Sustain™ portfolio

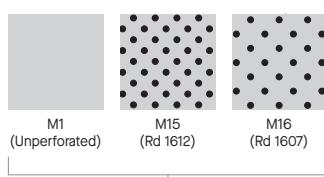
*Now, Lighting  
Integration  
Made Easy*



DOWNLIGHTING: MetalWorks Torsion Spring center cut panel with coordinating USAI Lighting trimless downlight fixture. Integration details at [armstrongceilings.com/downlighting](http://armstrongceilings.com/downlighting)

### PERFORATION OPTIONS

(1:2 scale shown)



These colors are part of the Sustain™ portfolio

TechLine 877 276-7876

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

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# LIGHTING SOLUTIONS



## METALWORKS™ Torsion Spring

Center Cut Panels for Recessed Downlighting  
smooth texture

### VISUAL SELECTION

MetalWorks Torsion Spring Panel Item No.♦	Panel Description	USAi® Fixture Dimension (Nominal)	Coordinating USAI Fixture Family	Coordinating USAI Fixture Part No.	USAi Grid Mounting Bars Item No.	
<b>METALWORKS™ Torsion Spring</b> 	<b>7209_ _ _ C03_ _ _</b>	24 x 24 x 1-1/2"	3.5" Square Downlight	BevLED® Mini for MetalWorks	B3SXP-UA	UA2
	<b>7209_ _ _ C04_ _ _</b>	24 x 24 x 1-1/2"	5" Square Downlight	BevLED® 2.2 for MetalWorks	B4SXP-UA	UA2
	<b>7210_ _ _ C03_ _ _</b>	24 x 48 x 1-1/2"	3.5" Square Downlight	BevLED Mini for MetalWorks	B3SXP-UA	UA2 or UA4
	<b>7210_ _ _ C04_ _ _</b>	24 x 48 x 1-1/2"	5" Square Downlight	BevLED 2.2 for MetalWorks	B4SXP-UA	UA2 or UA4
	<b>7211_ _ _ C03_ _ _</b>	24 x 72 x 1-1/2"	3.5" Square Downlight	BevLED Mini for MetalWorks	B3SXP-UA	UA2
	<b>7211_ _ _ C04_ _ _</b>	24 x 72 x 1-1/2"	5" Square Downlight	BevLED 2.2 for MetalWorks	B4SXP-UA	UA2
	<b>7212_ _ _ C03_ _ _</b>	24 x 96 x 1-1/2"	3.5" Square Downlight	BevLED Mini for MetalWorks	B3SXP-UA	UA2
	<b>7212_ _ _ C04_ _ _</b>	24 x 96 x 1-1/2"	5" Square Downlight	BevLED 2.2 for MetalWorks	B4SXP-UA	UA2
	<b>7213_ _ _ C03_ _ _*</b>	30 x 30 x 1-1/2"	3.5" Square Downlight	BevLED Mini for MetalWorks	B3SXP-UA	UA2
	<b>7213_ _ _ C04_ _ _*</b>	30 x 30 x 1-1/2"	5" Square Downlight	BevLED 2.2 for MetalWorks	B4SXP-UA	UA2



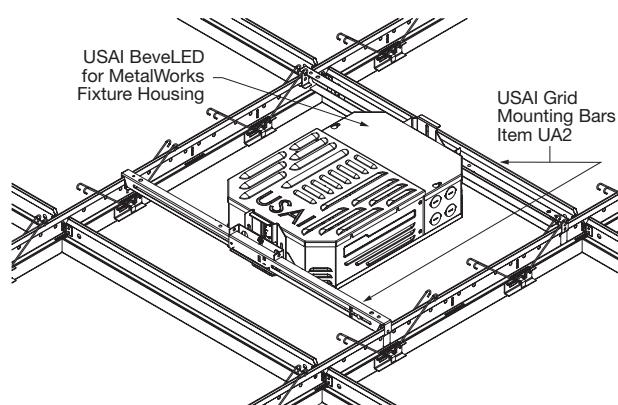
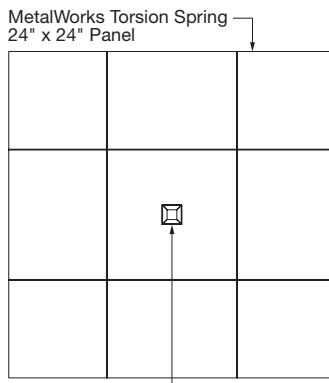
FAST134 program items ready to ship from manufacturer in 4 weeks or less.  
Up-to-date lead times and product options (sizes and colors) at [armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)

NOTE: Refer to lighting partner cut sheets for light location considerations.

♦ For Torsion Spring downlight item numbers, add the perforation following the base item number, and then add the 3- or 4-digit finish code. (ie: 7209 M 15 C 0 3 S | A)

\* Sequels™ finishes are a custom option on this size.

### INSTALLATION DETAILS



### LIGHTING FIXTURES

Compatible with USAI Lighting BevLED 2.2 and BevLED Mini MetalWorks fixture families.



For detailed lighting information, contact your local USAI representative or visit [usaimodeling.com/metalworks](http://usaimodeling.com/metalworks) for more information