

# METALWORKS™

Tegular  
smooth texture



TrioGuard®  
Dirt-Resistant  
Coating



plus capabilities  
to do more

armstrongceilings.com/capabilities  
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MetalWorks™ Tegular unperforated panels in White with Prelude® XL® 15/16" suspension system (Pgs. 458-459)

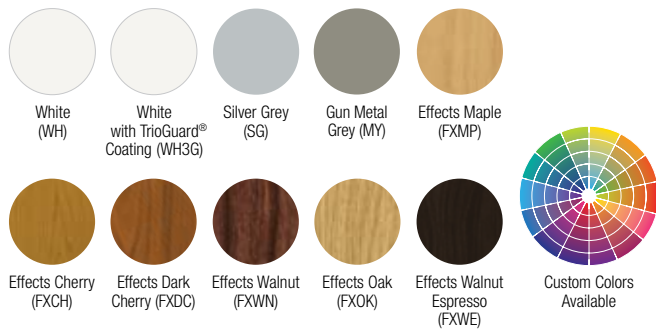
Now, get Total Acoustics™ performance with MetalWorks Tegular perforated panels – excellent noise reduction and sound blocking in one system.

## KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics™ performance
- Available with TrioGuard® coating that resists dirt, bacteria, mold, mildew, and color fading
- Panels can be used to create continuous looks or clouds using Axiom® or Effects™ Wood Looks trim
- MetalWorks Tegular panels available for TechZone® ceiling systems applications
- Standard perforations available to enhance acoustical performance and design aesthetics
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.90)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits
- 18" x 18" MetalWorks Tegular panels available for Metaphors® Coffers

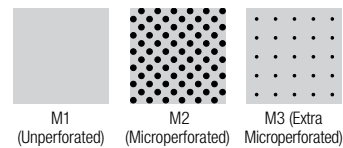
## COLORS

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

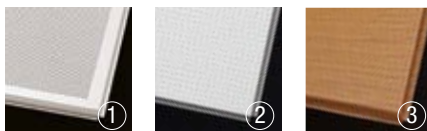


## PERFORATION OPTIONS

(1:2 scale shown)



## DETAILS



1. MetalWorks Tegular Microperforated
2. MetalWorks Tegular Extra Microperforated
3. Effects Wood Looks Tegular Extra Microperforated

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## VISUAL SELECTION

Edge Profile	Item Number*	Dimensions Nominal W x L (Inches) Custom Sizes Available	Perforations
<b>METALWORKS™ Flush Tegular</b> (with acoustical fleece)			
15/16" Flush Tegular	<b>6461</b> _ _ _ _	24 x 24" □	M1, M2
<b>METALWORKS 5/16" Square Tegular</b> (with acoustical fleece)			
15/16" Square Tegular	<b>6462</b> _ _ _ _	24 x 24" □	M1, M2, M3
9/16" Square Tegular	<b>6464</b> _ _ _ _	24 x 24" □	
<b>METALWORKS 5/8" Square Tegular</b> (with acoustical fleece)			
15/16" Square Tegular	<b>6463</b> _ _ _ _ †	24 x 24" □	M1, M2
9/16" Square Tegular	<b>6465</b> _ _ _ _ †	24 x 24" □	

- When specifying or ordering, include the appropriate perforation, letter color, and, if needed, coating suffix with the item number (e.g., 6464 M1 WH 3 G).
- Available in Effects™ Wood Looks and TrioGuard Finishes. NOTE: Perforation M2 not available in Effects finishes as a standard option. TrioGuard Finish available with M1 Unperforated only.
- † "S" Service item with extended lead time.

## PERFORMANCE

Dots represent high level of performance.

	Light Reflect	Wash	Scrub	Impact	Soil
(White Only)					
0.77 (M1, M3)	•	•	•	•	•
0.61 (M2)					

## ACOUSTICAL INFORMATION

Performance determined by perforation size

Perforation	Infill Panel Item Number	NRC	+ CAC	=	Total Acoustics <sup>1</sup>
<b>M1</b>					
Unperforated		N/A	36		-
NOTE: Available with TrioGuard™ Coating					
<b>M2</b>					
Micro-perforated	No infill	0.70	N/A		-
	8200T10	0.90	N/A		-
	5479	0.85	N/A		-
	5823	0.85	N/A		-
	1713	0.70	37		<b>BETTER</b>
	2820	0.80	35		<b>BEST</b>
<b>M3</b>					
Extra Micro-perforated	No infill	0.65	N/A		-
	8200T10	0.70	N/A		-
	5479	0.70	N/A		-
	5823	0.70	N/A		-
	2820	0.60	40		<b>GOOD</b>

<sup>1</sup> Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.  
**GOOD** (NRC 0.60-0.65; CAC 35+)  
**BETTER** (NRC 0.70-0.75; CAC 35+)  
**BEST** (NRC 0.80+; CAC 35+)

EXAMPLE: **6464 M1 WH 3G**

Panel Dimension/Type: 15/16" Square Tegular  
Perforation: M1 Unperforated  
Finish: White  
TrioGuard™ Coating

## TOTAL ACOUSTICS™ PANEL INSTALLATION



MetalWorks™ Tegular ceiling panel with Calla® 2820 acoustic infill panel for Total Acoustics™ performance

UP TO **25%** RECYCLED CONTENT

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

LEED®

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

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## FACETED INSTALLATION

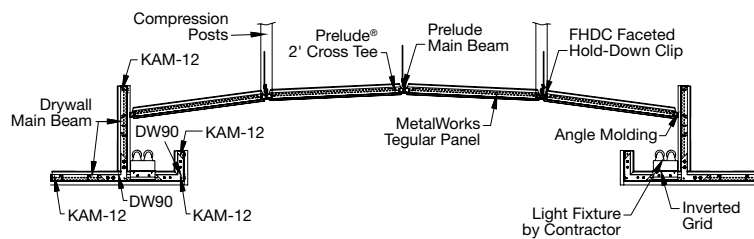


MetalWorks™ Tegular faceted panels

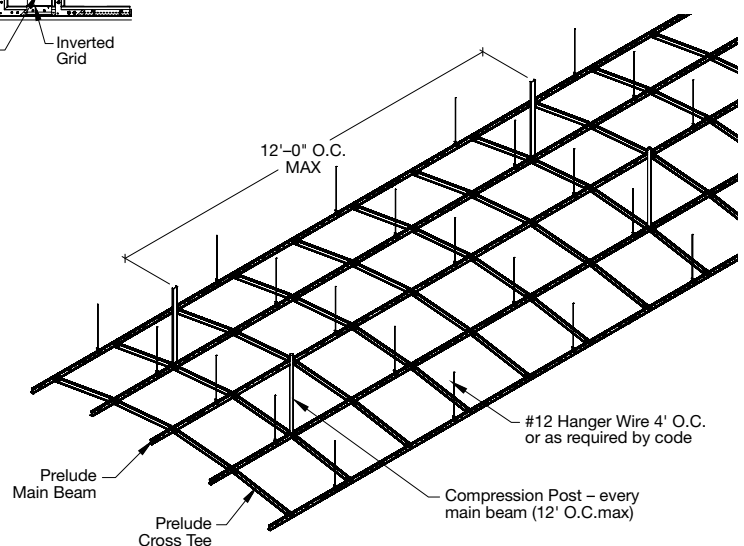


MetalWorks™ Tegular faceted panels

## FACETED PERIMETER DETAILS



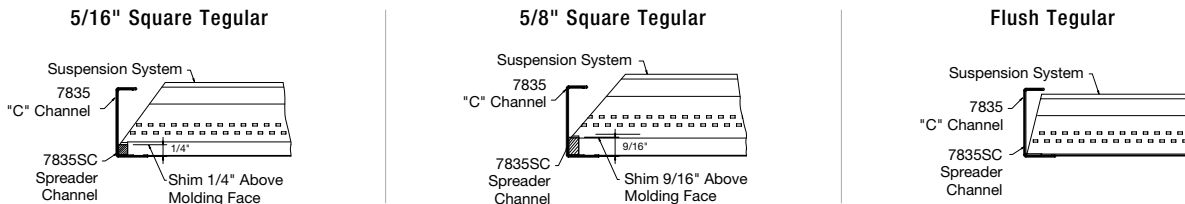
Perimeter conditions will require custom treatments. Moldings will need to be bent to match the angle of the ceiling where it contacts the walls at the straight sides, and will need to be cut to align with the panel segments on the faceted sides. It is recommended to have these installations tie into a wall or drywall bullhead rather than to attempt to create a floating ceiling condition.



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## PERIMETER INSTALLATION DETAILS (Spreader channel inserts into "C" channel.)

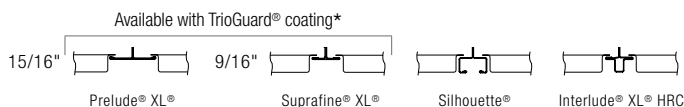


## ACCESSORIES

Item Number*	Description	Dimensions (Inches)	Pieces/Carton
5342 _ _ _ _	2" Effects™ Wood Looks Trim	120 x 3/4 x 2"	6
5344 _ _ _ _	4" Effects Wood Looks Trim	120 x 4 x 4"	6
5346 _ _ _ _	6" Effects Wood Looks Trim	120 x 6 x 6"	6
6096 _ _ *	Edge Cap for Cut Tegular Panels for 15/16" suspension systems (not available in Effects™ colors, order in Black (BL))	Nominal 24" length	50
6099 _ _ *	Edge Cap for Cut Tegular Panels for 9/16" suspension systems (not available in Effects colors, order in Black (BL))	Nominal 24" length	50
84008 _ _ *	Single Single Slot Air Diffuser (not available in Effects colors, order in Black (BL))	24 x 24"	1
FXSPTHDC	Effects™ Hold Down Clip for Cut Panel Installations	N/A	10
FHDC	Faceted Hold Down Clip	N/A	10
1713	School Zone® Fine Fissured™ Square Lay-in Acoustic Panel	24 x 24 x 3/4"	14
2820	Calla® Square Lay-in Acoustic Panel	24 x 24 x 1"	10
5479	BioAcoustic™ Infill Panel (Beige – Matte)	24 x 24 x 5/8"	12
5823	BioAcoustic™ Infill Panel (Black – Matte)	24 x 24 x 5/8"	12
8200T10	1" Fiberglass Infill Bag (Black – Gloss)	24 x 24"	12

\* When specifying or ordering, include the appropriate 2-letter color suffix with the item number (e.g., 6098 B L).

## SUSPENSION SYSTEMS



\* For more information about TrioGuard® coating for suspension system, refer to Prelude® XL®, Pgs. 458-459, Suprafine® XL®, Pgs. 466-467, and angle molding Pg. 469-471. Prelude and Suprafine suspension systems are available in coordinating colors. All other suspension systems are available in standard White only. Other colors available as special order.

## PHYSICAL DATA

**Material**  
Electrogalvanized Steel – 0.021" thickness

**Surface Finish**  
Factory-applied powder-coated finish (post-coated for color and/or TrioGuard® coating).  
Factory-applied powder-coated finish (post-coated on both sides). Effects finish on face only.  
Product tested to be fade-resistant up to 10 years.  
Custom colors also available. Contact TechLine for custom color matching requests at 1 877 276-7876.

**Fire Performance**  
ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

**Acoustical Performance**  
CAC testing conducted using Prelude® XL® for 15/16" edge detail and Silhouette® for 9/16" edge detail.

**ASTM E1264 Classification**  
Fire Class – Class A  
Unperforated – Type XX, Pattern G  
Perforated – Type XX, Pattern C

**Installation Consideration**  
For Tegular faceted installations, a Faceted Hold Down Clip must be used, which will limit accessibility. If accessibility is required in a faceted application, use Vector® panels.  
For information about faceted applications with square Tegular panels in 15/16" suspension system, refer to installation instructions on our web site at [armstrongceilings.com/installation](http://armstrongceilings.com/installation).

**Seismic Restraint**  
MetalWorks Tegular panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

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

**Weight; Square Feet/Carton**  
6461M2 – 0.75 lbs/SF; 64 SF/Ctn  
6461M1 – 0.80 lbs/SF; 64 SF/Ctn  
6462M2 – 0.86 lbs/SF; 64 SF/Ctn  
6462M1, 6463M2, 6465M2, 6462M3 – 0.89 lbs/SF; 64 SF/Ctn  
6464M2, 6463M1, 6465M1, 6464M3 – 0.92 lbs/SF; 64 SF/Ctn  
6464M1 – 0.97 lbs/SF; 64 SF/Ctn