

CEILING | SYSTEMS

Between us, ideas become reality™

METALWORKS™ Tegular

Armstrong®

METALWORKS™

Tegular
smooth texture



MetalWorks Tegular Microperforated in Silver Grey on Suprafine® suspension system in Silver Grey with 4" Classic Axiom® Curved in Silver Grey; Unilever Food Solutions, Lisle, IL

Key Selection Attributes

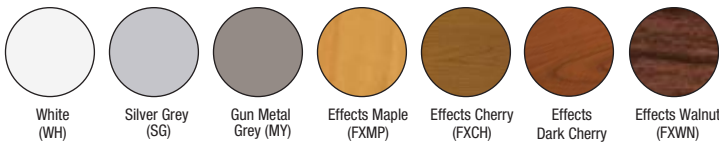
- 100% upward access
- Installs on 15/16" or 9/16" Exposed Tee suspension systems
- Durable – Washable, Scrubbable, Soil-resistant
- Outstanding NRC with acoustical fleece or infill panel (0.65–0.90)
- BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® Credits
- Standard edge caps for cut panels in White, Silver Grey, Gun Metal Grey, and Black (for use with Effects™ colors)
- MetalWorks Tegular now available for TechZone™ ceilings; for details, visit armstrong.com/techzone
- 18" x 18" MetalWorks Tegular infill panels now available for Metaphors® Coffers; for details, visit armstrong.com/metaphors
- Additional sizes, colors, and perforations available as premium and custom options; for more information, visit our web site at armstrong.com/metalworks or call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties project management team



Inset: MetalWorks Tegular Extra Microperforated in Effects Cherry on Prelude® suspension system in Black; Mary Immaculate Catholic Church, Farmers Branch, TX

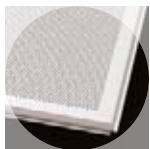
Color Selection

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

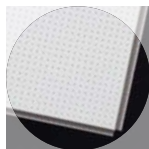


Panels are available in Custom RAL colors upon request.
Effects colors are only available for unperforated and extra microperforated panels.

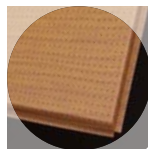
Detail



MetalWorks Tegular
Microperforated



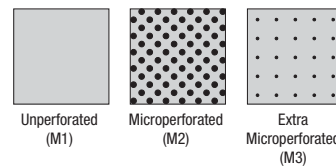
MetalWorks Tegular
Extra Microperforated



Effects Wood Looks
Tegular
Extra Microperforated

Perforation Options

(Actual 1:2 scale shown)



Unperforated
(M1)

Microperforated
(M2)

Extra
Microperforated
(M3)

On the cover: MetalWorks Tegular 2' x 2' and Custom Tegular 2' x 4' Microperforated in Silver Grey with Suprafine suspension system in Silver Grey; Shadow Hills High School, Indio, CA

Additional sizes, colors, and perforations available as custom options. For more information, visit our web site at armstrong.com/metalworks or call 1 877 ARMSTRONG and select options 1-1-4 to work with the Architectural Specialties project management team.

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Recycled Content: 25%

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
✓	✓	✓	✓		

Location Dependent

LEED for Schools

Acoustics	Low Emitting or CHPS
✓	✓

Colors and Perforations

White (WH)	Effects™ Maple (FXMP)	(M1) Unperforated
Silver Grey (SG)	Effects Cherry (FXCH)	(M2) Microperforated
Gun Metal Grey (MY)	Effects Dark Cherry (FXDC)	(M3) Extra Microperforated
	Effects Walnut (FXWN)	

Visual Selection

Edge Profile	Item Number*	Dimensions		Durable			
				Wash	Scrub	Impact	Soil
METALWORKS Flush Tegular (with acoustical fleece)							
15/16" Flush Tegular	6461____♦♦	2' x 2'	<input type="checkbox"/>	•	•	•	•
METALWORKS 5/16" Square Tegular (with acoustical fleece)							
15/16" Square Tegular	6462____	2' x 2'	<input type="checkbox"/>	•	•	•	•
9/16" Square Tegular	6464____♦♦♦	2' x 2'	<input type="checkbox"/>	•	•	•	•
METALWORKS 5/8" Square Tegular (with acoustical fleece)							
15/16" Square Tegular	6463____†	2' x 2'	<input type="checkbox"/>	•	•	•	•
9/16" Square Tegular	6465____†	2' x 2'	<input type="checkbox"/>	•	•	•	•

- ♦ When specifying or ordering, include the appropriate perforation and letter color suffixes with the item number (e.g., 6462 **M** **1** **W** **H**). Light reflectance is for White only.
- ♦♦ "S" Service item with 1,000 SF minimum order quantity and extended lead time.
- ♦♦♦ Available in Effects Wood Looks finishes. NOTE: Perforation M2 is not available in Effects finishes as a standard option. **Additional 9/16" Square Tegular sizes available for TechZone™ ceilings. Due to color variation, they cannot be mixed with item 6464. For details, visit armstrong.com/techzone**
- † "S" Service item with extended lead times

Acoustical Performance

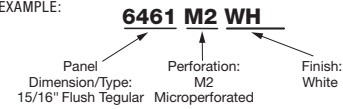
Dots represent highest level of acoustical performance

Perforation	% Open Area	NRC	CAC	Light Reflect (White only)
M1	0%	0.10	36	0.77
M2	18.4%	0.70 0.90**	38*	0.61
M3	1.5%	0.65 0.70**	40*	0.77

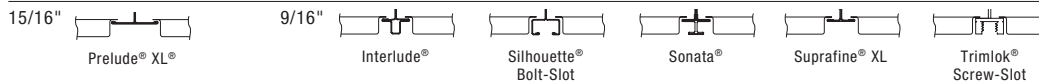
* With optional field-cut #747 mineral fiber backing (cannot be used with fiberglass infill #8200100).

** NRC 0.90 (microperforated) or NRC 0.70 (extra microperforated) with optional fiberglass infill #8200100 (cannot be used with #747 mineral fiber backing). NRC 0.85 (microperforated) or NRC 0.70 (extra microperforated) with optional BioAcoustic™ infill #5479 or 5823.

EXAMPLE:

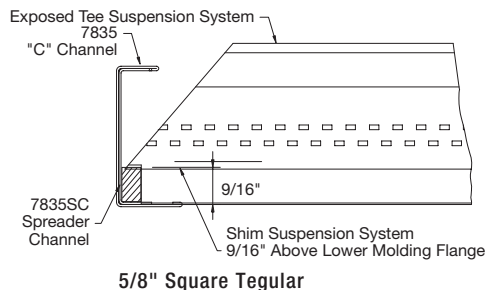
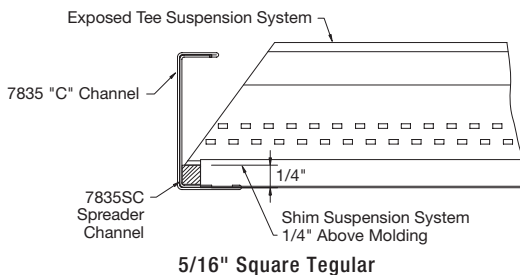
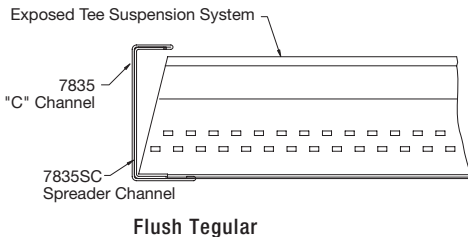


Suspension Systems



Prelude and Suprafine are available in many standard colors. All other suspension systems are available in standard White only. Other colors available as special order.

Installation Details – For termination at walls or transitions



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Colors

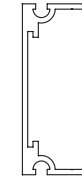
White (WH)	Effects™ Maple (FXMP)
Silver Grey (SG)	Effects Cherry (FXCH)
Gun Metal Grey (MY)	Effects Dark Cherry (FXDC)
Black (BL)	Effects Walnut (FXWN)

Accessories

Item Number	Description	Dimensions	Pcs/Ctn
6096_ _ ♦	15/16" Edge Cap for Cut Tegular Panels***	Nominal 2'	50
6099_ _ ♦	9/16" Edge Cap for Cut Tegular Panels***	Nominal 2'	50
7835	C-Channel	-	-
7835SC	Spreader Channel	-	-
AX2STR	2" Straight Axiom® Classic Trim†	120" x 3/4" x 2"	-
AX4STR	4" Straight Axiom Classic Trim†	120" x 3/4" x 4"	-
AX6STR	6" Straight Axiom Classic Trim†	120" x 3/4" x 6"	-
5342_ _ _ _ ♦	2" Effects Wood Looks Trim	Nominal 10' length	6
5344_ _ _ _ ♦	4" Effects Wood Looks Trim	Nominal 10' length	6
5346_ _ _ _ ♦	6" Effects Wood Looks Trim	Nominal 10' length	6
FXSPHDC	Effects Hold Down Clip for Cut Panel Installations	N/A	10
770*	Cortega Square Lay-in Panel	2' x 2' x 5/8"	8
5479	BioAcoustic™ Infill Panel (Beige Matte)	2' x 2' x 5/8"	12
5823	BioAcoustic Infill Panel (Black Matte)	2' x 2' x 5/8"	12
8200100	1" Fiberglass Infill Bag (Black Gloss)	2' x 2' x 1"	12



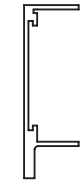
Axiom Trim Channel Profiles – 2", 4", 6", 8", 10", 12", 14", and 16"



Axiom 2" Trim Channel



Effects Wood Looks in Walnut with 2" Effects Walnut Trim



2" Effects Trim Profile

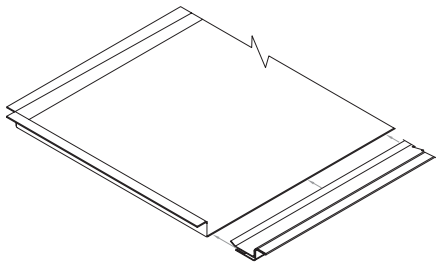
♦ When specifying or ordering, include the appropriate 2- or 4-letter color suffix (e.g., 6096 **W H** or 5342 **F X C H**).

* Recommended for high CAC acoustical performance.

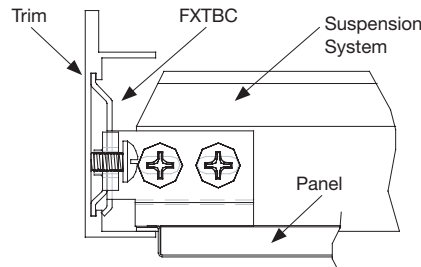
*** Edge Caps only available for 5/16" square Tegular items (6462, 6464) in White, Silver Grey, or Gun Metal Grey and Black (use with Effects colors).

† Axiom trim is also available in other sizes and designs. For details, visit armstrong.com/axiom. Note: For details about Effects Wood Looks visuals and trim, visit armstrong.com/effects.

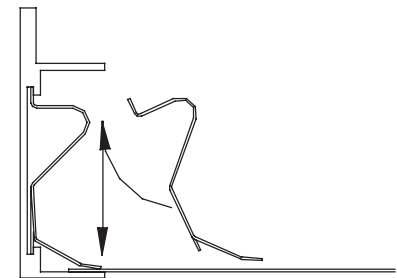
Accessory Details



Edge Cap Application for Cut Panels



Effects Trim Installation Detail for Exposed/Cloud Applications



Effects Hold Down Clip (Item FXSPHDC) for Use with Cut Panels

Physical Data

Material

Electrogalvanized Steel – 0.021" thickness

Surface Finish

Factory-applied powder-coated finish (post-coated). Premium and Custom RAL colors also available. Refer to CS-3957 for a sampling of Custom RAL colors. Contact Architectural Specialties for custom color matching requests at 1 877 ARMSTRONG, select options 1-1-4.

Fire Performance

Factory Mutual Approvals Specification tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 Classification

Fire Class – Class A
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C

Installation Considerations

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 armstrong.com/ installation.

Seismic Installations

MetalWorks Tegular has been engineered, tested, and approved for application in all seismic areas.

Warranty

One (1) year limited warranty.
Details: armstrong.com/warranty

Weight; Square Feet/Cartron

6461M2 – 0.75 lbs/SF; 64 SF/Ctn
6461M1 – 0.80 lbs/SF; 64 SF/Ctn
6462M2 – 0.86 lbs/SF; 64 SF/Ctn
6462M, 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