

# METALWORKS™ for DESIGNFlex®

Tegular – Squares & Rectangles  
smooth texture



CONTAIN CLEAN PROTECT



## DESIGNFlex® CEILING SYSTEMS

PERSONALIZE YOUR DESIGN!

Mix and match different sizes, shapes, colors, and materials to reinvent your ceiling. More at: [armstrongceilings.com/designflex](http://armstrongceilings.com/designflex)

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

plus capabilities  
to do more



[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at: [armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)



▲ MetalWorks™ Tegular for DESIGNFlex®

Personalize your design and get acoustical performance with MetalWorks™ for DESIGNFlex® perforated panels.

### KEY SELECTION ATTRIBUTES

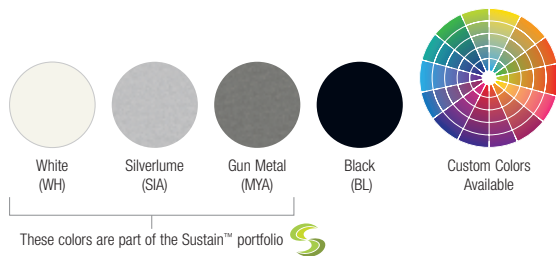
- DESIGNFlex® options for sizes and colors
- Mix and match – Shapes for DESIGNFlex® also available with Calla®, Lyra®, Ultima®, Optima®, and MetalWorks™
- MetalWorks™ for DESIGNFlex® panels can be combined with other DESIGNFlex® product families
- Lighting and MEP integration with TechZone®, or with standard modular and pendant lights
- Perforations available to enhance acoustical performance and design aesthetics



- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

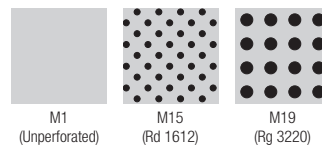
- Outstanding NRC with acoustical fleece or infill panel (0.65 – 0.90)
- Easy-to-cut BioAcoustic™ infill panels can enhance acoustics and contribute to LEED® credits
- Aluminum panels with exceptional durability – Washable, Scrubbable, Soil-resistant
- Part of the Sustain™ portfolio, and meets the most stringent industry sustainability compliance standards today

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

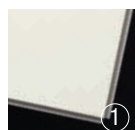


These colors are part of the Sustain™ portfolio

**PERFORATION OPTIONS** (1:2 scale shown)



### DETAILS



1. MetalWorks™ Tegular unperforated

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Calculate sustainability with GreenGenie™  
armstrongceilings.com/greengenie

LOCATION DEPENDENT

WITH INFILL PANEL

## VISUAL SELECTION

Item No. ♦	Dimensions Nominal W x L (Inches)	Perforations
<b>METALWORKS</b> (with acoustical fleece)		
6647_	6" x 6" □	M1, M15, M19
6648_	6" x 12" □	M1, M15, M19
<b>5/16" Square Tegular</b>		
6649_	6" x 48" □	M1, M15, M19
6650_	6" x 60" □	M1, M15, M19
6643_	12" x 48" □	M1, M15, M19
8225_	12" x 60" □	M1, M15, M19
6641_	24" x 24" □	M1, M15, M19
6644_	24" x 42" □	M1, M15, M19
6642_	24" x 48" □	M1, M15, M19
8226_	24" x 60" □	M1, M15, M19
8227_	24" x 72" □	M1, M15, M19
6645_	27" x 30" □	M1, M15, M19
8228_	28" x 30" □	M1, M15, M19
8229_	28" x 60" □	M1, M15, M19
6646_	30" x 30" □	M1, M15, M19

♦ When specifying or ordering, include the appropriate perforation, letter color, and, if needed, coating suffix with the item number (e.g., 6099 **M 1 W H A**).  
NOTE: Order any dimension at [asquote@armstrongceilings.com](mailto:asquote@armstrongceilings.com)

## PERFORMANCE

Dots represent high level of performance.

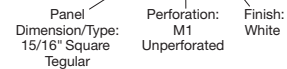
Light Reflect	CleanAssure™ Disinfectable Panels						DURABILITY
	Fog	Spray	Wipe	Wash	Scrub	Soil	
0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	
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0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	
0.75 (M1)	.	.	.	.	.	.	

## ACOUSTICAL INFORMATION

Perforation	NRC with acoustical fleece	NRC with 1" fiberglass infill**
<b>M1</b> Unperforated	N/A	N/A
<b>M15</b> Rd 1612	0.70	0.90
<b>M19</b> Rg 3220	0.75	0.90

\*\* Maximum NRC achieved with acoustical infill (item 8200T10).

### EXAMPLE: 6646 M1 WHA

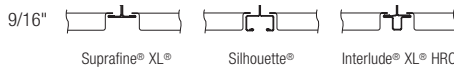


## ACCESSORIES

Item No. ♦	Description	Colors	Dimensions (Inches)	Pieces/Carton
6099_	Edge Cap for Cut Tegular Panels for 9/16" suspension systems*	MY, SG, WH, BL	Nominal 24" length	50
5823	BioAcoustic™ Infill Panel (Black – Matte)	N/A	24 x 24 x 5/8"	12
8200T10	1" Fiberglass Infill Bag (Black – Gloss)	N/A	24 x 24"	12

♦ When specifying or ordering, include the appropriate 2-letter color suffix with the item number (e.g., 6098 **B L**).  
\* 24" Edge Caps needed for product longer than 24"

## SUSPENSION SYSTEMS



## PARTNER COMPANIES

For more information on our partner companies, please visit [armstrongceilings.com/partners](http://armstrongceilings.com/partners)

Compatible with:  
Axis Geometrix™ Lighting,  
JLC-Tech T-BAR FLEX LED  
Lights and Price diffusers.



Shaped infill panels are available through [asquote@armstrongceilings.com](mailto:asquote@armstrongceilings.com) for specific partner lighting fixtures.

## PHYSICAL DATA

**Material**  
Aluminum – 0.040" thickness

**Surface Finish**  
Factory-applied polyester paint finish  
Custom colors also available. Contact TechLine for custom color matching requests at 1 877 276-7876.

**Fire Performance**  
Class A: Painted aluminum tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. Laminate finishes tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

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

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

**Design Considerations**  
Silverlume (SIA) and Gun Metal (MYA) finishes are directional, marked with arrows from the factory. Visit [armstrongceilings.com/patterngallery](http://armstrongceilings.com/patterngallery) to see pre-designed patterns and colors.

**Seismic Restraint**  
MetalWorks™ Tegular 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)

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

**Weight; Square Feet/Carton (Bulk Packed)**

6647 – 0.138 lbs/SF	6642 – 4.400 lbs/SF
6648 – 0.275 lbs/SF	8226 – 5.500 lbs/SF
6649 – 1.100 lbs/SF	8227 – 6.600 lbs/SF
6650 – 1.375 lbs/SF	6645 – 3.094 lbs/SF
6641, 6643 – 2.200 lbs/SF	8228 – 3.208 lbs/SF
8225 – 2.750 lbs/SF	8229 – 6.417 lbs/SF
6644 – 3.850 lbs/SF	6646 – 3.438 lbs/SF

TechLine / 1 877 276-7876  
[armstrongceilings.com/metalworkdesignflex](http://armstrongceilings.com/metalworkdesignflex)  
BPCS-5840-621

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DESIGNFlex® SQUARES & RECTANGLES

