METALWORKS™ for DESIGNFlex™

Tegular
smooth texture

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

DESIGNFlex™
A New World of Choice
for Ceiling Systems

DESIGNFlex™
CEILING SYSTEMS

SHAPES   SIZES   COLOR

See MetalWorks™ Shapes
Personalize Your Design!
Mix and match different sizes, shapes, colors and materials to reinvent your ceiling. More at:
armstrongceilings.com/designflex

plus capabilities
to do more

armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

MetalWorks™ Tegular for DesignFlex™

Personalize your design and get acoustical performance with MetalWorks™ for DesignFlex™ perforated panels.
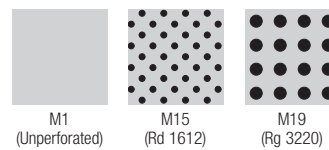
KEY SELECTION ATTRIBUTES

- DesignFlex™ options mean tailor-made shapes, 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
- 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 sustainability compliance standards today

COLORS   Due to printing limitations, shade may vary from actual product.
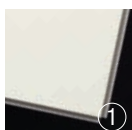
Whitelume (WHA)

Silverlume (SIA)

Gun Metal (MYA)

Black (BL)

Custom Colors Available
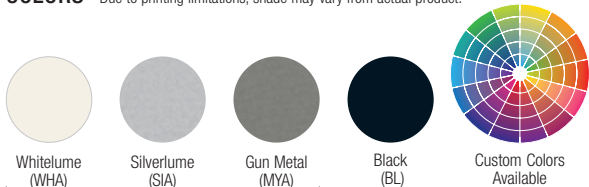
M1 perforated panels are part of the Sustain™ portfolio, meeting sustainability compliance standards

PERFORATION OPTIONS   (1:2 scale shown)

M1 (Unperforated)

M15 (Rd 1612)

M19 (Rg 3220)

Custom Perforations Available

DETAILS

1. MetalWorks Tegular unperforated

①

TechLine 877 276-7876
armstrongceilings.com/metalworks

Armstrong®
CEILING & WALL SOLUTIONS

SUSTAIN™
High Performance
Sustainable
Ceiling Systems
Unperforated (M1)

Declare℠
Living Building
Challenge Compliant

UP TO **80%** RECYCLED CONTENT

For LEED contribution contact TechLine

| LEED® | 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

▲ WITH INFILL PANEL

VISUAL SELECTION

PERFORMANCE
Dots represent high level of performance.

ACOUSTICAL INFORMATION

Edge Profile	Item Number◆	Dimensions Nominal W x L (Inches) *Custom Sizes Available*	Perforations	Light Reflect	Wash	Scrub	Soil
				(White Only)	Durability		
METALWORKS Square Tegular (with acoustical fleece)							
9/16" Square Tegular	6647_ _ _ _ _	6 x 6"	M1, M15, M19	0.75 (M1)	•	•	•
	6648_ _ _ _ _	6 x 12"	M1, M15, M19	0.75 (M1)	•	•	•
	6649_ _ _ _ _	6 x 48"	M1, M15, M19	0.75 (M1)	•	•	•
	6650_ _ _ _ _	6 x 60"	M1, M15, M19	0.75 (M1)	•	•	•
	6643_ _ _ _ _	12 x 48"	M1, M15, M19	0.75 (M1)	•	•	•
	8225_ _ _ _ _	12 x 60"	M1, M15, M19	0.75 (M1)	•	•	•
	6641_ _ _ _ _	24 x 24"	M1, M15, M19	0.75 (M1)	•	•	•
	6644_ _ _ _ _	24 x 42"	M1, M15, M19	0.75 (M1)	•	•	•
	6642_ _ _ _ _	24 x 48"	M1, M15, M19	0.75 (M1)	•	•	•
	8226_ _ _ _ _	24 x 60"	M1, M15, M19	0.75 (M1)	•	•	•
	8227_ _ _ _ _	24 x 72"	M1, M15, M19	0.75 (M1)	•	•	•
	6645_ _ _ _ _	27 x 30"	M1, M15, M19	0.75 (M1)	•	•	•
	8228_ _ _ _ _	28 x 30"	M1, M15, M19	0.75 (M1)	•	•	•
	8229_ _ _ _ _	28 x 60"	M1, M15, M19	0.75 (M1)	•	•	•
	6646_ _ _ _ _	30 x 30"	M1, M15, M19	0.75 (M1)	•	•	•

ACOUSTICAL INFORMATION

Perforation		NRC with acoustical fleece (NRC)	NRC with 1" fiberglass infill ** (NRC)
M1	Unperforated	–	–
M15	Rd 1612	0.70 •	0.90 •
M19	Rg 3220	0.75 •	0.90 •

** Maximum NRC achieved with acoustical infill (item 8200100).

EXAMPLE: **6646 M1 WHA**

Panel Dimension/Type: 15/16" Square Tegular

Perforation: M1 Unperforated

Finish: White

Size Capabilities

9/16" Square Tegular	Width	Length					
	5/16" Thick		M1, M15, M19	0.75 (M1)	•	•	•
	4" – 29-1/2"	4" – 60"					
	30" – 35-1/2"	4" – 36"					
	36" – 41-1/2"	4" – 30"					
	42" – 48"	4" – 24"					
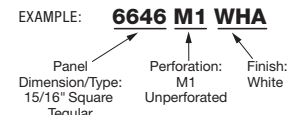
◆ When specifying or ordering, include the appropriate perforation, letter color, and, if needed, coating suffix with the item number (e.g., 6646 M 1 W H A).
NOTE: Order any dimension at asquote@armstrongceilings.com

TechLine 877 276-7876
armstrongceilings.com/metalworks

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Armstrong®
CEILING & WALL SOLUTIONS

METALWORKS

METALWORKS™ for DESIGNFlex™ *Now in Shapes!*

Tegular
smooth texture

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

5/16" Square Tegular

Suspension System
7835 "C" Channel
7835SC Spreader Channel
Shim 1/4" Above Molding Face
1/4"
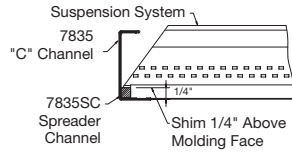
ACCESSORIES

Item Number◆	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)	–	24 x 24 x 5/8"	12
8200100	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

9/16"

Suprafine® XL®   Silhouette®   Interlude® XL® HRC

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 ARMSTRONG.

Fire Performance
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 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

Design Considerations
Silverlume and Gun Metal finishes are directional, marked with arrows from the factory. Visit armstrongceilngs.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.

Warranty
Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton (Bulk Packed)
6647 – 0.138 lbs/SF
6648 – 0.275 lbs/SF
6649 – 1.100 lbs/SF
6650 – 1.375 lbs/SF
6641, 6643 – 2.200 lbs/SF
8225 – 2.750 lbs/SF
6644 – 3.850 lbs/SF
6642 – 4.400 lbs/SF
8226 – 5.500 lbs/SF
8227 – 6.600 lbs/SF
6645 – 3.094 lbs/SF
8228 – 3.208 lbs/SF
8229 – 6.417 lbs/SF
6646 – 3.438 lbs/SF

TechLine / 1 877 276 7876
armstrongceilings.com/designflex
(search: metalworks for designflex)
BPCS-5840-418

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CEILING & WALL SOLUTIONS

METALWORKS