

Tegular
smooth texture



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



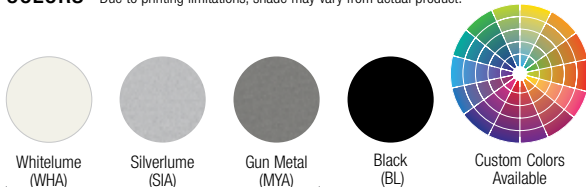
armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

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

KEY SELECTION ATTRIBUTES

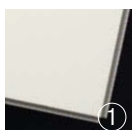
- DESIGNFlex™ options mean shapes, sizes, and colors
- Mix and match – Shapes for DESIGNFlex™ also available with Calla®, Lyra®, Ultima®, Optima®, and MetalWorks™
- MetalWorks™ for DESIGNFlex™ panels can be combined with other DESIGNFlex™ product families
- Lighting and MEP integration with TechZone®, 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.



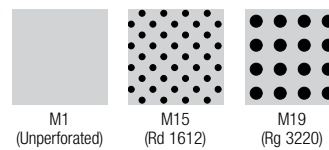
Part of the Sustain portfolio, meeting sustainability compliance standards. (M1 – unperforated panels only)

DETAILS



1. MetalWorks™ Tegular unperforated

PERFORATION OPTIONS (1:2 scale shown)



Custom Perforations Available



METALWORKS™ for DESIGNflex™

Now in
Shapes!

Tegular
smooth texture

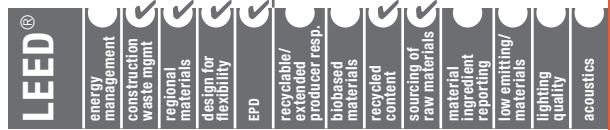
Declare™
Living Building
Challenge Compliant

SUSTAIN™
High Performance
Sustainable
Ceiling Systems
Unperforated (M1)



UP TO 80% RECYCLED CONTENT

For LEED contribution contact TechLine



VISUAL SELECTION

| Edge Profile | Item No. ♦ | Dimensions Nominal W x L (Inches) Custom Sizes Available | Perforations | |
|---|--------------------------|---|---------------|--|
| METALWORKS Square Tegular (with acoustical fleece) | | | | |
| | 6647 | 6" x 6" □ | M1, M15, M19 | |
| | 6648 | 6" x 12" □ | M1, M15, M19 | |
| | 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 | |
| | Size Capabilities | | | |
| | 9/16" Square Tegular | Width | Length | |
| 5/16" Thick | | | M1, M15, M19 | |
| 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 M1 WHA).
NOTE: Order any dimension at asquote@armstrongceilings.com

PERFORMANCE

Dots represent high level of performance.

| Light Reflect | Wash | Scrub | Soil | Durability | | |
|---------------|------|-------|------|--------------|--|--|
| | | | | (White Only) | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |
| 0.75 (M1) | • | • | • | | | |

ACOUSTICAL INFORMATION

LOCATION DEPENDENT

WITH INFILL PANEL

| Perforation | NRC with acoustical fleece | NRC with 1" fiberglass infill ** |
|--------------|----------------------------|----------------------------------|
| | NRC | NRC |
| M1 | - | - |
| Unperforated | | |
| M15 | 0.70 | 0.90 |
| Rd 1612 | | |
| M19 | 0.75 | 0.90 |
| Rg 3220 | | |

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

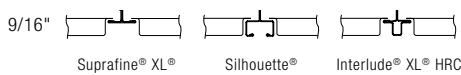
EXAMPLE: **6646 M1 WHA**
 Panel Dimension/Type: 15/16" Square Tegular
 Perforation: M1 Unperforated
 Finish: White

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) | - | 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



PARTNER COMPANIES

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



Shaped infill panels are available through 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
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 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.

Warranty
Details at armstrongceilings.com/warranty

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Declare™ is a service mark of International Living Future Institute
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Printed in the United States of America

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-5840-1218

