

METALWORKS™ Tin

Lay-in, Tegular, and Nail-up
smooth texture



MetalWorks™ Tin 9/16" Lay-in item 56007 extra microperforated in Lacquered Steel with Suprafine® XL® 9/16" suspension system (Pgs. 399-400)

Classic tin ceiling system available in multiple patterns with acoustic options.

KEY SELECTION ATTRIBUTES

- new** • Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Industry's only:
 - Extra microperforated panels
 - 9/16" Tegular panels reduce visibility of the suspension system
- Variety of standard color and pattern options in 24" x 24" Lay-in and Tegular, or 24" x 48" Nail-up sizes
- 18" x 18" Tin infill panels also available for Metaphors® Coffers
- Wide range of decorative accessories

plus...
capabilities
to do more



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

PATTERNS – STANDARD (Cornice and accessory information on pg. 157)

24" x 24" (Lay-in or Tegular) or 24" x 48" (Nail-up)



Item 56001*



Item 56002*



Item 56003*



Item 56004*



Item 56005



Item 56006



Item 56007



Item 56008

* Only items 56001, 56002, 56003, and 56004 are available with a Tegular edge detail. A variety of other patterns are available as premium options. See armstrongceilings.com/metalworks for more information.

COFFERS – STANDARD

24" x 24" (15/16" Lay-in only)



Item 6661



Item 6662

FILLERS – STANDARD

24" x 24" (Lay-in only)



Item 56009

FINISHES (Available on standard patterns, coffers, fillers, and cornices.)



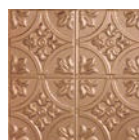
White (TWH)



Bare Steel (TNA)



Lacquered Steel (TLS)



Copper (TCP)

NOTE: Coffers items only available unperforated in White, Bare Steel, and Lacquered Steel finishes.

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

Finishes



White (TWH)



Bare Steel (TNA)



Lacquered Steel (TLS)



Copper (TCP)



Custom Finishes Available

Suspension System Finishes



White (WH)



Silver Satin (SA)



Gun Metal Grey (MY)



Bronze (BZ)

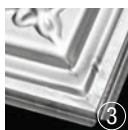
EDGE DETAILS



①



②



③

- 9/16" Lay-in (L9), 15/16" Lay-in (L5), Nail-up (NU - 24" x 48" only)
- 9/16" Tegular (T9)
- 15/16" Tegular (T5)

PERFORATION OPTIONS



Unperforated (B1)



Extra Microperforated (B3)
Hole size: 0.7mm (.028")

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PATTERNS – STANDARD (Cornice and accessory information on Pg. 157)

| Edge Profile | Item No. ♦ | Dimensions (Inches) | Fire Rating |
|------------------------------|----------------------|------------------------------------|-------------|
| METALWORKS™ Tin | | | |
| (L9) (L5) | 56001 _____ | 24" x 24" 24" x 48" (Nail-up) | Class A |
| 9/16" Lay-in 15/16" Lay-in | 56002 _____ | 24" x 24" 24" x 48" (Nail-up) | |
| (T9) (T5) | 56003 _____ | 24" x 24" 24" x 48" (Nail-up) | Class A |
| 9/16" Tegular 15/16" Tegular | 56004 _____ | 24" x 24" 24" x 48" (Nail-up) | |
| (NU) | 56005 _____ | 24" x 24" 24" x 48" (Nail-up) | Class A |
| 9/16" Lay-in 15/16" Lay-in | 56006 _____ | 24" x 24" 24" x 48" (Nail-up) | |
| (NU) | 56007 _____ | 24" x 24" 24" x 48" (Nail-up) | |
| Nail Up† | 56008 _____ | 24" x 24" 24" x 48" (Nail-up) | Class A |
| | 56009 _____ | 24" x 24" 24" x 48" (Nail-up**) | |
| Coffers | | | |
| (L9) (L5) | 6661B1L5 ____ | 24" x 24" Coffor | Class A |
| 9/16" Lay-in | 6662B1L5 ____ | 24" x 24" Coffor | |

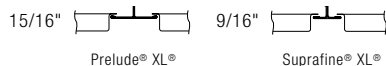
♦ When specifying or ordering, include the appropriate 2-letter edge detail, 2-letter perforation, and 3-letter color suffix with the item number. For example: 56001B 1 L T 9 N A is item 56001 Unperforated 9/16" Lay-in Bare Steel. For Coffers items, include 3-letter color suffix only (TWH, TNA, TLS).

† Nail-up panel unperforated only

NOTE: Field painting extra microperforated panels will affect acoustical performance.

SUSPENSION SYSTEMS

(See pgs. 391-392 for Prelude® XL® components. See Pgs. 400-401 for Suprafine® XL components.)



PHYSICAL DATA

Material

Steel – thickness .010"
(Copper panels)

Aluminum – thickness .020"

Surface Finish

Copper v–plated

Bare Steel – unfinished

White – factory-applied powder-coated finish

Lacquered Steel – factory-applied lacquered finish

Fire Performance

ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
Fire Class A

ASTM E1264 Classification

Fire Class – Class A

Unperforated steel ceiling panels – Type XX, Pattern J, Z

Perforated steel ceiling panels – Type XX, Pattern C, J, Z

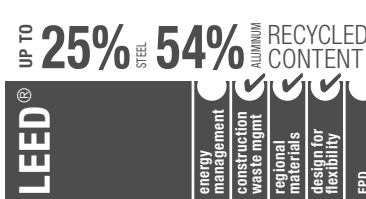
Design Considerations

As a result of the strain put on panels when they are embossed, you may find it necessary to use hold-down clips (item 5600HDC) to keep the panels flat in the suspension system. Due to the natural characteristics of Lay-in and Tegular edges on this tin product, panels may not lay flush.

MetalWorks™ Tin panels are produced from steel or aluminum and are designed to emulate an antique-type visual. Periodic "wrinkles" or dents may cause panels to appear not to be flat; these characteristics add to the antique effect and are not considered manufacturing defects.

TechLine / 1 877 276-7876
armstrongceilings.com/metalworks
(search: metalworks tin)
BPCS-5120-517

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PERFORMANCE

Dots represent high level of performance.

| Light Reflect | Wash | Scrub | Impact | Soil |
|---------------|------|-------|--------|------|
| (White Only) | | | | |
| 0.77 | • | • | • | • |

0.77

0.77

0.77

0.77

LOCATION DEPENDENT

ACOUSTICAL INFORMATION

Performance determined by perforation size

| Edge Detail | Infill Panel Item Number | NRC | CAC | Total Acoustics†† |
|----------------|--------------------------|------|-----|-------------------|
| T5 | 8200100 | 0.85 | N/A | – |
| 15/16" Tegular | 2820 | 0.60 | 40 | GOOD |
| T9 | 8200100 | 0.85 | N/A | – |
| 9/16" Tegular | 2820 | 0.60 | 40 | GOOD |

†† 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+)

For infill panel information, refer to Pg. 156.

EXAMPLE: **56001 B1 L9 TNA**
Panel Dimension/Type: 24" x 24" Unperforated
Perforation: B1
Edge Detail: L9 Lay-in 9/16"
Finish: TNA Bare Steel

TOTAL ACOUSTICS® PANEL INSTALLATION



MetalWorks™ 3D Tin ceiling panel with Calla® 2820 acoustical infill panel for Total Acoustics® performance

ACCESSORIES

For accessories, including cornices, clips and perimeter trim, refer to Pgs. 156-157.

Bare Steel is unfinished and must be field-painted to prevent tarnishing over time. The Bare Steel finish may contain slight hairline markings that are visible at eye view, but are covered when painted. For the look of natural steel, the Lacquered Steel finish is recommended. These panels are clear lacquered on both sides and come with plastic PVC to prevent scratching. See armstrongceilings.com/metalworks for more details.

Recommended Suspension System
9/16" Suprafine® XL® suspension system
15/16" Prelude® XL suspension system

Warranty
Details at armstrongceilings.com

Weight
Steel – 0.45 lbs/SF
Coffers – 0.52 lbs/SF
Aluminum – 0.38 lbs/SF

Armstrong®
CEILING & WALL SOLUTIONS