

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. 466-467)

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

KEY SELECTION ATTRIBUTES

- 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

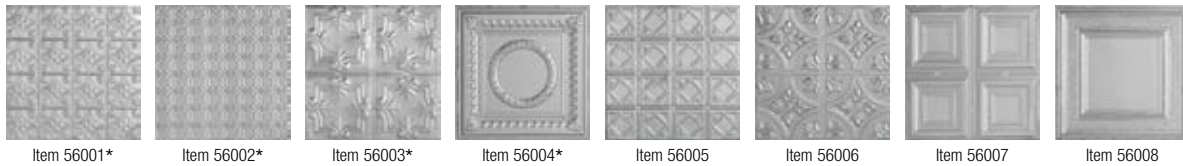
plus capabilities
to do more

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

PATTERNS – STANDARD

(Cornice and accessory information on pg. 210)

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



* 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

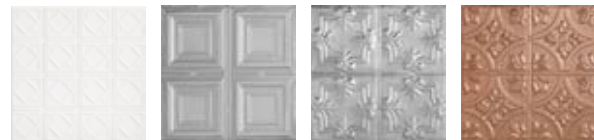
24" x 24" (Lay-in only)



Item 56009

FINISHES

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



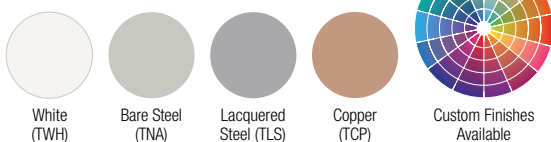
White (TWH) Bare Steel (TNA) Lacquered Steel (TLS) Copper (TCP)

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

COLOR SELECTION

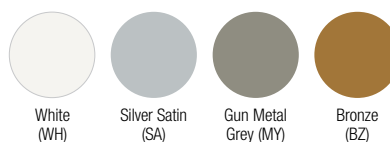
Due to printing limitations, shade may vary from actual product.

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. 9/16" Lay-in (L9), 15/16" Lay-in (L5), Nail-up (NU – 24" x 48" only)
2. 9/16" Tegular (T9)
3. 15/16" Tegular (T5)

PERFORATION OPTIONS



Unperforated (B1) Extra Microperforated (B3)
Hole size: 0.7mm (.028")

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LEED®

- energy management
- construction waste to recycle
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- low embodied materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

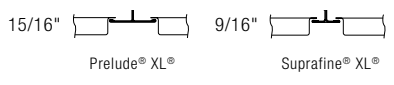
PATTERNS – STANDARD (Cornice and accessory information on Pgs. 209-210)

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) Nail Up†	56005	24" x 24" 24" x 48" (Nail-up)	Class A
(L9) (L5)	56006	24" x 24" 24" x 48" (Nail-up)	
9/16" Lay-in 15/16" Lay-in	56007	24" x 24" 24" x 48" (Nail-up)	
(NU) Nail Up†	56008	24" x 24" 24" x 48" (Nail-up)	Class A
	56009	24" x 24" 24" x 48" (Nail-up)	
Coffers			
	6661B1L5	24" x 24" Coffer	Class A
15/16" Lay-in	6662B1L5	24" x 24" Coffer	

♦ 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: 56001B1L9UN 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

Due to the strains put on the metal panels when they are embossed and the characteristics of Tegular/Lay-in edges on tin panels, it may be necessary to lay mineral fiber panels on the back to keep the tin panels flat in the grid. Fine Fissured™ Square Lay-in panels can be used, or Calla® Square Lay-in panels for Total Acoustics™ performance with perforated MetalWorks™ Tin panels.

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.

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.

Panels with the Lacquer Steel finish will have color variation from lot to lot. The transparent nature of the lacquer coating allows the color variation of the base steel to be visible. It is recommended that additional material be ordered at the same time as the original order. These panels are clear lacquered on both sides and come with plastic PVC to prevent scratching. See armstrongceilings.com/tin 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

PERFORMANCE

Dots represent high level of performance.

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

ACOUSTICAL INFORMATION

Performance determined by perforation size

Edge Detail	Infill Panel Item Number	NRC	CAC	Total Acoustics††
T5 15/16" Tegular	8200T10	0.85	N/A	-
	2820	0.60	40	GOOD
T9 9/16" Tegular	8200T10	0.85	N/A	-
	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. 209.

EXAMPLE: 56001 B1 L9 TNA

- Panel Dimension/Type: 24" x 24"
- Perforation: B1 Unperforated
- 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. 209-210.