

METALWORKS™ Tin

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



**TOTAL
ACOUSTICS™**
Sound Absorption (NRC)
+ Sound Blocking (CAC)



FAST134
Select Items Ship Fast
armstrongceilings.com/fast134



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



plus capabilities
to do more

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

▲ MetalWorks™ Tin 9/16" Lay-in Item 56007 extra microperforated in Lacquered Steel with Suprafine® XL® 9/16" suspension system

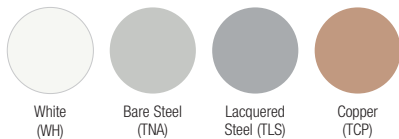
Classic tin ceiling system available in multiple patterns with acoustic options.

KEY SELECTION ATTRIBUTES

- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics
- Industry's only:
 - Extra microperforated panels
 - 9/16" Tegular panels reduce visibility of the suspension system
- **new** Select products included in the FAST134 program – ready to ship in 4 weeks or less
- 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

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

Finishes



Coordinating Suspension System Finishes

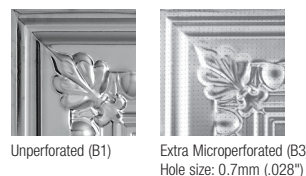


DETAILS



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")

METALWORKS™ Tin

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

LEED® WELL™ LBC

UP TO **25%** STEEL **54%** ALUMI-NUM **RECYCLED CONTENT**

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

LOCATION DEPENDENT

WITH INFILL PANEL

PATTERNS – STANDARD

Item No. ♦	Dimensions (Inches)	Installation
METALWORKS™ Tin	24" x 24" 24" x 48" (Nail-up)	
56001	24" x 24" 24" x 48" (Nail-up)	
9/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
15/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
56002	24" x 24" 24" x 48" (Nail-up)	
9/16" Tegular	24" x 24" 24" x 48" (Nail-up)	
15/16" Tegular	24" x 24" 24" x 48" (Nail-up)	
56003	24" x 24" 24" x 48" (Nail-up)	
Nail Up†	24" x 24" 24" x 48" (Nail-up)	
56004	24" x 24" 24" x 48" (Nail-up)	
9/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
15/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
56005	24" x 24" 24" x 48" (Nail-up)	
9/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
15/16" Lay-in	24" x 24" 24" x 48" (Nail-up)	
56006	24" x 24" 24" x 48" (Nail-up)	
Nail Up†	24" x 24" 24" x 48" (Nail-up)	
56007	24" x 24" 24" x 48" (Nail-up)	
56008	24" x 24" 24" x 48" (Nail-up)	
56009	24" x 24" 24" x 48" (Nail-up)	
15/16" Lay-in	24" x 24" Coffers	
6661B1L5	24" x 24" Coffers	
6662B1L5	24" x 24" Coffers	

PERFORMANCE

Dots represent high level of performance.

Fire Performance (White only)	DURABILITY				
	Light Reflect*	Wash	Scrub	Impact	Soil
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•
Class A 0.77	•	•	•	•	•

ACOUSTICAL INFORMATION

Performance determined by perforation size

Edge Detail	Infill Panel Item No.	NRCC	CACC	Total Acoustics ¹
T5	8200T10	0.85	N/A	-
	2820	0.60	40	GOOD
T9	8200T10	0.85	N/A	-
	2820	0.60	40	GOOD

¹ Total Acoustics™ ceiling panels have an ideal combination of sound absorption and sound blocking 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+)

EXAMPLE: 56001 B1 L9 TNA

Panel Dimension/Type: 24" x 24" Unperforated
 Perforation: B1
 Edge Detail: L9
 Finish: TNA Bare Steel

INFILL PANEL INSTALLATION



MetalWorks™ 3D Tin ceiling panel with Calla® 2820 acoustical infill panel – Total Acoustics™ ceiling system

ACCESSORIES

For accessories, including cornices, clips and perimeter trim, visit armstrongceilings.com/mwaccessories



FAST134 program items ready to ship from manufacturer in 4 weeks or less. Up-to-date lead times and product options (sizes and colors) at armstrongceilings.com/fast134.

♦ 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: 56001B1L9TNA 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.

METALWORKS™ Tin

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

LEED® WELL™ LBC

UP TO **25% STEEL** **54% ALUMI-NUM** **RECYCLED CONTENT**

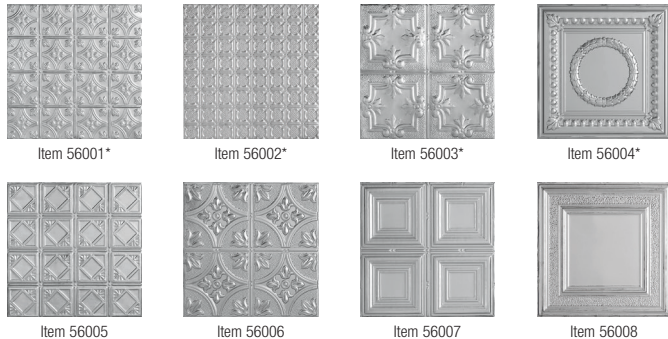
- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

LOCATION DEPENDENT

WITH INFILL PANEL

PATTERNS – STANDARD armstrongceilings.com/mwaccessories

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 – cuttable panels to complete borders)



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

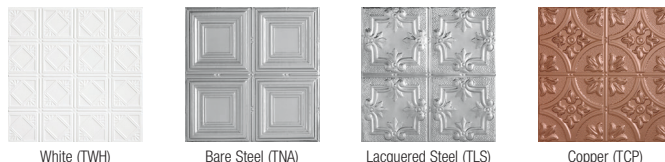
FILLERS – STANDARD

24" x 24" (Lay-in only – cuttable panels to complete borders)

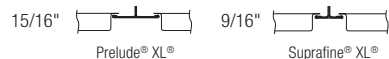


FINISHES

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



SUSPENSION SYSTEMS



PHYSICAL DATA

Material
Steel – thickness .010"
Aluminum – thickness .020" (Copper panels)

Surface Finish
Copper finish is anodized aluminum. All other finishes are made from steel products

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

ASTM E1264 Classification
Unperforated steel ceiling panels – Type XX, Pattern J, Z
Perforated steel ceiling panels – Type XX, Pattern C, J, Z
Fire Class – Class A

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

FAST134 Program Considerations
Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in 1 week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service.

Stock vs Made-to-Order Matters: FAST3 & FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

Warranty
Details at armstrongceilings.com/warranty

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



METALWORKS™ – Standard

METALWORKS™ Tin

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

LEED® WELL™ LBC

UP TO **25% STEEL** **54% ALUMI-NUM** **RECYCLED CONTENT**

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

LOCATION DEPENDENT

WITH INFILL PANEL

CORNICES (Nail-up panels only)

Item No. ♦	Description	Dimensions (Inches)	Color	Pieces/Carton		
56051_ _ _	Corner Molding	1-1/2 x 1-1/2 x 48"	See below	—		
56053_ _ _	Corner Molding	1-7/8 x 1-7/8 x 48"	See below	—		
56052_ _ _	Corner Molding	3 x 3 x 48"	See below	—		
56054_ _ _	Corner Molding	4-1/2 x 4-1/2 x 48"	See below	—		
56055_ _ _	Corner Molding	6-1/8 x 6-1/8 x 48"	See below	—		
56056_ _ _	Corner Molding	9 x 9 x 48"	See below	—		
5600_ _ _	Conehead Nails (installs up to 200 SF per carton)	1-1/4"	See below	—		
5600HDC	Tin Hold Down Clips	—	—	200		

♦ When specifying or ordering, include the appropriate 3-letter color suffix with the item number (e.g., 56051I A M)
For information on additional Axiom Trim options and accessories, visit armstrongceilings.com/mwaccessories

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



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

