

Planostile Reveal-Edge Lay-In Metal Ceiling Tiles

MR-MANUFACTURER

Interfinish

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Interfinish is a division of the Chicago Metallic Corporation focused on Metal and Specialty Ceiling Systems. The wide variety of ceiling products includes linear metal, open cell, baffles, skylights, metal tiles and planks, and security systems.

Interfinish was created in 1994 as a result of the acquisition of Alcan Building Products' Ceiling Division. Interfinish is a combination of Chicago Metallic's long history and experience of over 100 years in manufacturing building products, and Alcan's proven metal ceiling systems. Chicago Metallic's dedication and commitment to excellence extends to Interfinish with a strong focus on design innovation, quality and service.

Interfinish has local sales representatives located all across the country to promptly respond to your project needs, providing you with the extra effort and technical expertise that will help your project run more smoothly from start to finish.

PP-PRODUCT PRESENTATION

Planostile Metal Ceiling Tiles and Planks offer the high quality aesthetics of a metal tile at a surprisingly inexpensive cost. Starting with hot-dipped galvanized steel, a powder coat paint finish is applied to provide superior corrosion resistance. Six standard perforations, and virtually unlimited panel dimensions provide increased flexibility in design. Acoutex non-woven tissue for sound absorption is also available. Five styles are available: Flat Lay-In, Shallow Reveal-Edge Lay-In, Deep Reveal-Edge Lay-In, Snap-In Concealed, and Hook-on Plank.

TS-TECHNICAL SUPPORT

Specification Guidelines

Planostile Reveal-Edge Lay-In Metal Ceiling Tiles

Section 09500 - Acoustical Treatment

PART 1 - GENERAL

1.01 Scope

- A. Furnish and install the Planostile Lay-In Metal Tile Ceiling System as manufactured and supplied by Interfinish, a division of Chicago Metallic Corporation.

1.02 Related Sections

- A. Section 09120 Ceiling Suspension Systems
- B. Section 09545 Special Ceiling Surfaces
- C. Section 13020 Integrated Assemblies
- D. Section 13080 Sound, Vibration, and Seismic Control

- E. Section 15550 Heating, Ventilating, and Air Conditioning
- F. Section 16500 Lighting

1.03 References

- A. American Society for Testing and Materials (ASTM)
 - 1. C 635 - Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings.
 - 2. C 636 - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panel.
 - 3. E 84 - Test Method for Surface Burning Characteristics of Building Materials.

1.04 Submittals

- A. Product data sheets listing dimensions, tile weight, tile style, and standards compliance.
- B. Samples: Manufacturer's sample of each type of ceiling unit (tile) proposed for each location.

1.05 Project Conditions

- A. Environmental Requirements
 - 1. Verify weathertightness of area to receive the Planostile system prior to installation.
 - 2. Wet trades work to be thoroughly dry and complete prior to the Planostile system installation.
 - 3. Installation to begin only when temperature and humidity conditions closely approximate interior conditions which will exist when area is complete and occupied.
 - 4. Heating and air conditioning systems to be operating prior to, during, and after installation.

1.06 Maintenance

- A. Furnish additional material equal to _____% of the ceiling system area.

PART 2 - PRODUCTS

2.01 Manufacturer

- A. Planostile Lay-In Metal Tile Ceiling System as manufactured by Interfinish, 4849 S Austin Ave, Chicago, IL 60638-1492.

2.02 Materials

- A. Metal Tiles and Accessories
 - 1. Planostile Lay-In Metal Tiles
 - a. Tiles shall measure (2' x 2'), (2' x 4'), (20" x 60"), (30" x 30") with either shallow reveal-edge or deep reveal-edge detail.
 - b. Tiles shall be formed from (.020), (.024) hot-dipped galvanized steel. (Perforated with Interfinish patterns (A), (B), (C), (D), (E), (F), or a custom pattern, to provide _____% open.)
 - c. Tiles shall be painted with a baked powder coat finish.
 - 2. Insulation
 - a. Poly-encased insulation pads, of (1"), (1-1/2") thickness and a density of (1), (1-1/2) pcf, shall be provided for sound absorption capabilities.
 - 3. Tile Inlay
 - a. Acoutex acoustical non-woven fiber to be inserted in the factory and adhered with glue to the back of the tile for sound absorption capabilities.

PART 3 - EXECUTION

3.01 Examination

- A. Examine area receiving system to identify conditions which will adversely affect installation.
Do not begin installation until adverse conditions have been remedied.
- B. Verify completion of work above ceiling plane prior to tile installation.

3.02 Installation

A. Metal Tiles

1. Metal tiles shall be supported by an appropriately installed (Interfinish 15/16" or 9/16" grid system or Chicago Metallic 15/16" or 9/16" grid system).
2. If necessary, insulation pads shall be laid upon the back of the tiles.
3. If necessary, utilize Interfinish hold-down clips to keep the insulation pads in place.

3.03 Repair

- A. Remove damaged components, replace with undamaged components. Clean with non-solvent-based non-abrasive commercial cleaning solution.