

SECTION 09561 - STAMPED METAL CEILING TILES**PART 1 GENERAL**

1.1 SECTION INCLUDES

- A. Decorative stamped metal ceiling tiles and trim accessories.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry for materials for nailing supports on 30" cove. Reuse existing frames where possible. Replace frames as necessary for cove support. Minimum 2 frames per cove section.
- B. Section 09900 - Painting.

1.3 REFERENCES

- A. ASTM E 84- Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Drawings indicating dimensions, general construction and installation procedure.
- D. Verification Samples: For each patten specified, two full size ceiling tiles and trim accessories representing actual finish; one to be returned as approved.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 3 year experience installing similar products.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Storage and Protection: Store materials in accordance with manufacturer's recommendations.
 - 1. Store in fully enclosed space where there is protection against damages from moisture, direct sunlight, surface contamination and other causes.
 - 2. Wet work shall be completed in area of storage.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.8

1.9 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard limited warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers:

1. Metal Ceiling Express
2. Chelsea Decorative Metal Co.
3. American Tin Ceilings
4. W. F. Norman Co.
5. Brian Greer Tin Ceilings
6. Tin Ceiling Express
7. M-Boss

- B. Requests for substitutions will be considered in accordance with provisions of Section 01600 - Product Requirements.

2.2 METAL CEILING TILES

- A. Metal Ceiling Tiles:

1. Material: 29 gauge tin-plated steel, moisture resistant, square edge profile.
2. Pattern: Submit Manufacturer's range of patterns that most closely matches the existing, historic stamped pattern.
3. Perimeter Filler Pattern: Submit Manufacturer's range of patterns that most closely matches the existing, historic stamped pattern.
4. Cove Pattern: Custom fabricated to match existing 30" cove.
5. Cove Termination Pattern: Submit manufacturer's range of molding patterns for selection.
6. Rope Mold Pattern: Submit manufacturer's range of molding patterns for selection.
7. Crown Mold Pattern: Submit manufacturer's range of molding patterns for selection.
8. Finish: Unfinished.

- B. Nail-Up Tiles:

1. Size: 24-1/2 x 48-1/2 x 1/2 inches.
2. For nailing to a wood structure.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.

3.2 PREPARATION

- A. Clean adjoining and supporting surfaces thoroughly prior to installation. Remove dust from substrate.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved submittals.

- B. Installation shall start only after all other work on the adjoining walls, base, and floor has been completed. Insure that perimeter details and opening sizes are correct before starting.
- C. Panels shall be installed, accurately and in the required locations, as indicated on the drawings. Surfaces shall be plumb, level, aligned and flush, with uniform joints, and with the proper patterns, textures and colors.
- D. Install wood blocking and furring on existing structure to support metal ceiling panels and trim accessories. Reuse existing historic blocking where possible. Provide new blocking, furring and frames where necessary.
- E. Refer to section 09900 for Painting requirements.

3.4 CLEANING

- A. Clean exposed surfaces as recommended by manufacturer.
- B. Remove and replace work that cannot be successfully repaired to permanently eliminate evidence of damage.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION