

Monarch Lay-In Plaster Ceiling Panels

MR-MANUFACTURER

Chicago Metallic

U.S. Toll Free: 800-323-7164

FAX: 800-222-3744

Chicago Metallic is an industry leader in roll forming suspension systems for acoustical ceilings and Decorative Metal ceiling products for Commercial, Institutional, and Industrial Building Markets. With manufacturing plants in Chicago, Illinois; Baltimore, Maryland; Los Angeles, California; and Antwerp Belgium, Chicago Metallic has the capacity to provide an extensive line of quality products worldwide.

Chicago Metallic is a division of the Chicago Metallic Corporation.

PP-PRODUCT PRESENTATION

Monarch Ceiling Panels add a touch of elegance to any modern interior. The ornate and intricate designs of these panels resemble the style and extravagance of yesteryear. There are 12 decorative patterns to choose from.

Monarch glass reinforced gypsum panels lay-in standard 15/16" T-bar suspension systems which allows for ease of installation and full plenum accessibility. These panels also integrate easily with standard lighting and ventilation systems.

Monarch panels are offered in a beautiful array of colors as well as custom painted colors.

TS-TECHNICAL SUPPORT

Specification Guidelines for Monarch Ceiling Panels

Section 09500 - Acoustical Treatment

PART 1 - GENERAL

1.01 Section Includes

Provide decorative plaster lay-in panels for ceiling.

1.02 Related Sections

- A. Section 09120 - Ceiling Suspension Systems.
- B. Section 09545 - Special Ceiling Surfaces.
- C. Section 13020 - Integrated Ceilings.
- D. Section 13080 - Sound, Vibration, and Seismic Control.
- E. Section 15500 - Heating, Ventilating, and Air Conditioning.
- F. Section 16500 - Lighting.

1.03 References

- A. American Society for Testing and Materials (ASTM)
 - 1. C635 - Standard Specifications for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings.

2. C636 - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels.
3. E84 - Test Method for Surface Burning Characteristics of Building Materials.

1.04 Submittals

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

1.05 Project Conditions

- A. Environmental Requirements:
 1. Verify weathertightness of area to receive suspension system prior to installation.
 2. Wet trades work to be thoroughly dry and complete prior to suspension 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

Furnish additional material equal to _____% of ceiling area.

PART 2 - PRODUCTS

2.01 Manufacturer(s)

Chicago Metallic Monarch Lay-In Ceiling Panels pattern (8001-01), (8011-01), (8021-01), (8031-01), (8041-01), (8051-01), (8061-01), (8071-01), (8081-01), (8091-01), (8101-01), (8111-01).

2.02 Lay-In Ceiling Panels

- A. Cast from fiberglass reinforced gypsum 24 inches wide by 24 inches long with a minimum 1/2 inch nominal thickness, relief to vary from 1/4 inch to 2-1/2 inches based on pattern selection.
- B. Panel weight is 8 to 9 pounds (2.00 to 2.25 pounds per square foot).
- C. Finished with factory-applied standard white satin, latex. Colors are available upon request.
- D. Panel surface burning characteristic has flame spread of 0 and smoke development of 0.

PART 3 - EXECUTION

3.01 Examination

Examine area to receive lay-in ceiling panels to identify conditions which will adversely affect installation. Do not begin installation until adverse conditions have been remedied.

3.02 Installation

- A. Install panels in coordination with suspension system, with edges concealed by suspension members and perimeter edge moldings.
- B. Scribe and cut panels to fit accurately at penetrations and at perimeters where less than full panels are required.

3.03 Cleaning

- A. Clean exposed surfaces of plaster ceilings, including trim, edge moldings and suspension members of smudges, dirt and fingerprints, comply with manufacturer's instructions for cleaning and touch-up of minor finish damage to ceiling units. Remove and replace work

which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.