

Mapes Custom Curved, Super Lumideck Hanger Rod Supported Specifications

Part 1: General

1.1 Description of Work

1. Work in this section includes furnishing and installation of extruded aluminum custom curved overhead hanger rod style canopies as manufactured by Mapes Industries Inc.
2. Related Items and Considerations
 1. Flashing of various designs may be required. Generic flashing supplied by Mapes. Specialty flashing to be supplied by installer.
 2. Determine wall construction, make-up and thickness.
 3. Ensure adequate wall condition to carry canopy loads where required.
 4. Consider water drainage away from canopy where necessary.
 5. Any necessary removal or relocation of existing structures, obstructions or materials.

1.2 Quality Assurance

1. Products meeting these specifications established standard of quality required as manufactured by Mapes Industries, Inc. Lincoln, Nebraska 1-888-273-1132.

1.3 Field Measurement

1. Confirm dimensions prior to preparation of shop drawings when possible.
2. If requested, supply manufacturer s standard literature and specifications for canopies.
3. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

1.4 Performance Requirements

1. Canopy must conform to local building codes.
2. Determine if specific load requirements have been established for canopies and if stamped calculations are required for location in which canopy is installed.

1.5 Deliver, Storage, Handling

1. Deliver and store all canopy components in protected areas.

Part 2: Products

2.1 Manufacturer

1. Mapes Canopies
Lincoln, Nebraska
Phone: 1-888-273-1132.
Fax: 1-877-455-6572.

2.2 Materials

1. Decking and fascia shall be extruded aluminum, alloy 6063-T6, in the profile and thickness shown in current Mapes Brochures.
2. Intermediate framing members shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in current Mapes brochures.

3. Hanger rods and attachment hardware shall be a standard finish.

2.3 Finishes

1. Standard factory options are clear anodized or bronze or white baked enamel.
2. Optional finishes include standard two-coat Kynar colors.

2.4 Fabrication

1. All Mapes Super Lumideck extruded aluminum custom curved canopies are shipped with the materials precut to size for field assembly.
2. All connections shall be mechanically assembled utilizing 3/16 fasteners with a minimum shear stress of 350 lb. Pre-welded or factory-welded connections are not acceptable.
3. Decking shall be designed with interlocking extruded aluminum members with mechanical fasteners field applied to provide structural integrity for the completed assembly
4. Concealed drainage. Water shall drain from covered surfaces into integral perimeter fascia gutters and be directed to std front scuppers.

Part 3: Execution

3.1 Inspection

1. Confirm that surrounding area is ready for the canopy installation.
2. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Mapes Industries.
3. Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed

3.2 Installation

1. Installation shall be in strict accordance with manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.

3.3 After installation, entire system shall be left in a clean condition.