



Mapes Super Lumideck® Flat Soffit Hanger Rod Specifications

Part 1: General

- 1.1 Description of Work
 - A. Work in this section includes furnishing and installation of extruded aluminum overhead hanger rod style canopies as manufactured by Mapes Industries Inc.
 - B. Related Items and Considerations
 - 1. Flashing of various designs may be required. Supplied by the 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
 - A. 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
 - A. Confirm dimensions prior to preparation of shop drawings when possible.
 - B. If requested, supply manufacturer's standard literature and specifications for canopies.
 - C. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.
- 1.4 Performance Requirements
 - A. Canopy must conform to local building codes.
 - B. Determine if specific load requirements have been established for canopies and if stamped calculations are required for location in which canopy is installed.
 - C. The canopy must handle a minimum of PSF live load.
- 1.5 Deliver, Storage, Handling
 - A. Deliver and store all canopy components in protected areas.

Part 2: Products

- 2.1 Manufacturer
 - A. Mapes Canopies
Lincoln, Nebraska
Phone: 1-888-273-1132.
Fax: 1-877-455-6572.
- 2.2 Materials
 - A. Decking to be 3" extruded flat soffit .078 decking
 - B. Fascia shall be standard 8" extruded "G" style (minimum .125 aluminum)
 - C. Hanger rods and attachment hardware shall be powder coated to match canopy.
 - D. Decking and fascia shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in current Mapes brochures.

- 2.3 Finishes
 - A. Standard finishes are clear anodized, bronze or white baked enamel.
 - B. Optional finish includes standard 2-coat Kynar colors.
- 2.4 Fabrication
 - A. 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.
 - B. Decking shall be designed with interlocking extruded aluminum members with mechanical fasteners field applied to provide structural integrity for the completed assembly.
 - C. Concealed drainage. Water shall drain from covered surfaces into integral rear gutter and directed to ground level discharge via one or more designated downspouts.

Part 3: Execution

- 3.1 Inspection
 - A. Confirm that surrounding area is ready for the canopy installation.
 - B. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Mapes Industries.
 - C. Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed
- 3.2 Installation
 - A. 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.