

Mapes Lumishade Eyebrow[®] Specifications

Part 1 General

- 1.1** Description of Work
- A.** Work in this section includes furnishing and installation of roll-formed 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.
 - 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 1-800-228-2391.
- 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.
- 1.5** Deliver, Storage, Handling
- A.** Deliver and store all canopy components in protected areas.

Part 2 Products

- 2.1** Manufacturer
- A.** Mapes Industries, Inc.
Lincoln, Nebraska
Phone: 1-800-228-2391
Fax: 1-800-737-6756
- 2.2** Materials
- A.** Decking shall consist of an interlocking roll-formed 2 _ W style pan (minimum .032 aluminum.)
 - B.** Intermediate framing members shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in current Mapes brochures.
 - C.** Hanger brackets to be aluminum finished to match the canopy.
 - D.** Fascia shall be standard 8 extruded J style (minimum .125 aluminum) or optional 8 K style (minimum .032 aluminum.)
- 2.3** Finishes
- A.** Standard factory options are clear anodized, or bronze baked enamel or white baked enamel.
 - B.** Optional finishes include black anodized and standard two-coat Kynar[®] colors.

2.4 Fabrication

- A.** All Lumishade Eyebrow[®] canopies are shipped in preassembled sections for ease of installation.
- B.** 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.
- C.** Decking shall be designed with interlocking roll-formed aluminum members.
- D.** Concealed drainage. Water to spill from front corners.

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.