

Mapes Lumideck® Specifications

Part 1: General

- 1.1 Description of Work
 - A. Work in this section includes furnishing and installation of extruded aluminum walkway canopies or extruded aluminum wall-supported canopies as manufactured by Mapes Industries Inc.
 - B. Related Items and Considerations
 - 1. Flashing may be needed for wall-mounted units.
 - 2. Ensure adequate wall condition to carry canopy loads where required.
 - 3. Consider water drainage away from canopy where necessary.
 - 4. 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 Canopies
Lincoln, Nebraska
Phone: 1-888-273-1132
Fax: 1-877-455-6572.
- 2.2 Materials
 - A. Decking shall consist of an interlocking roll-form 2 1/2 W style pan.
 - B. 5 Hat beams and 2 1/2 x3 posts shall be extruded aluminum, alloy 6063-T6 in profile and thickness shown in current Mapes brochures.
 - C. Attachment hardware shall be galvanized/zinc plated.
 - D. Fascia shall be standard 3 style aluminum or optional 8 extruded J style minimum .078 aluminum or 8 K style minimum .032 .
- 2.3 Finishes
 - A. Standard factory options are clear anodized, white baked enamel or bronze baked

enamel.

2.4 Fabrication

- A. All Lumideck walkway covers are shipped K.D.
- 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-form members.
- D. Concealed drainage. Water shall drain from covered surfaces into beams and to ground level discharge via one or more designated post.

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