

SECTION 10530

PROTECTIVE COVERS (Dock Canopies)

PART 1 – GENERAL

1.1 Description of Work

- A. Work in this section includes manufacturing and installation of Bullnose aluminum wall-supported suspended canopies as manufactured by Ray-O-Lite Southeast, LLC.

B. RELATED ITEMS

- 1. Section 07900 Sealants and Caulking

1.2 QUALITY ASSURANCE

- A. Products meeting these specifications established standard of quality required as manufactured by Ray-O-Lite Southeast, LLC Atlanta, GA Phone: (800) 726-6451.
- B. Request for substitution must be made in writing 10 days prior to bid date.

1.3 FIELD MEASUREMENT

- A. Confirm dimensions prior to preparation of shop drawings.
- B. Supply manufacturers standard literature and specifications for canopies.
- C. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly in accordance with Section 01330.

1.4 PERFORMANCE REQUIREMENTS

- A. Canopy must conform to local building codes.

1.5 DELIVER, STORAGE, HANDLING

- A. Deliver and store all canopy components in protected areas.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Ray-O-Lite Southeast, LLC www.rayolitese.com

2.2 MATERIALS

- A. Canopy decking shall consist of an interlocking roll-form "W-Panel" profile.
- B. Canopy Gutter is to be .050" as manufactured by Mason Corp. "K-Style".

- C. Hanger rods and attachment hardware shall be galvanized/zinc plated. Hanger rod is to be 18 ga. Galv. Steel Channel 1 1/2". Compression member is be 22 ga. Galv. Steel 1 1/2" hat section.
- D. Bullnose Fascia shall be .032" aluminum in one of Pac-Clad's Kynar 500 finishes.

2.3 FINISHES

- A. Kynar finish selected by architect from manufacturer (Pac-Clad)
- B. Baked Enamel selected by architect from manufacturer (Mason Corporation)

2.4 FABRICATION

- A. Ship in pre-assembled 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-form members.
- D. Concealed drainage. Water shall drain from covered surfaces into intermediate trough and directed to the front for front drainage via scuppers located at the main buildings 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 Ray-O-Lite Southeast, LLC.
- C. Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area are 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.

END OF SECTION