

# ***Awning Works Inc***

## **Metal Awning Specification**

### **CSI- Division 10**

#### **Metal Awning Specification**

##### **1.1 Description of Work**

**A.** Work in this section includes fabrication and installation of extruded aluminum overhead. Diagonal support arm, cantilever and mono-slope design canopies as manufactured by Awning Works Inc.

##### **B.** Design Considerations

1. Flashing of various configurations as required by the attachment design approach
2. Determine wall construction and blocking requirements
3. Site Specific Engineering per local codes
4. Direction of water drainage and method
5. Field verification of dimensions, existing structures, obstructions or materials

##### **1.2 Quality Assurance**

**A.** Products meeting these specifications as established by standard of quality required as manufactured by Awning Works Inc, Florida, Phone: 1.866.873.2941

##### **1.3 Field Measurement**

**A.** Confirm site dimensions prior to manufacturing

**B.** If requested, supply manufacturer's standard literature and specifications for canopies.

**C.** When specified by contract; submit engineered shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

##### **1.4 Performance Requirements**

**A.** Canopy must conform to FBC 2010, minimum 140MPH, Exposure B and local building codes.

**B.** Determine if specific load requirements have been established for canopies and if stamped. Engineering 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 defined by the customer or general contractor.

## **Part 2 Products**

### **2.1 Manufacturer**

A. Awning Works Inc., [www.awningworksinc.com](http://www.awningworksinc.com)  
10820 US Hwy 19 N, Clearwater Florida 33764  
Phone: 1.866.873.2941, Fax: 727-524-3110  
Email: [awnings@awningworksinc.com](mailto:awnings@awningworksinc.com)

### **2.2 Materials**

A. Perimeter framing (fascia), bracing and diagonal support arms shall be minimum extruded aluminum, alloy 6063-T5, in profile and thickness as determined by the engineering requirements.

B. Inset paneling, decking, standing seam panels or louvers shall be the style, material and thicknesses as specified on the drawing

C. All attachment hardware shall be rust resistant or stainless steel as specified

### **2.3 Finishes**

A. Standard options are mill, anodized, Kynar 500, marine grade powder coat, automotive grade acrylic enamel. Steel panels are available in 20 year Kynar and Galvalume finishes. Roll formed panels are available as stock factory ESP baked enamel finish in white, bronze or ivory.

### **2.4 Fabrication**

A. All framework connections shall be MIG or TIG welded. Mechanical connections shall be used for panel integration and support members. Locknuts shall be used exclusively.

B. Panels shall be designed as interlocking aluminum members, except for sheet designs and louvers with mechanical fasteners shop applied whenever possible to provide structural integrity for the completed assembly. Completed sections will be field assembled.

C. Drainage. Water shall drain from covered surfaces to the front edge of the canopy, into integral fascia gutter or directed to the rear for 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 Awning Works Inc.
- C.** Erection shall be performed by an approved installer and scheduled after all painting, 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. Field touch up paint will be applied to any marred areas.