

Awning Works Inc

Exterior Shutter Specification

CSI- Division 10

Exterior Shutter Specifications

General Category 10 71 1310705 Exterior Sun Control Devices

10 71 13 .13....10710 Exterior Shutters

1.0 GENERAL

1.01 DESCRIPTION

A. This section includes Fixed Louvered and Hinged with Adjustable Arm supported Bahama Shutters.

1.02 STANDARDS

A. All work and materials shall conform as applicable to the following standards.

1. ASTM
2. AWS
3. NFPA
4. AAMA and NAAMM Aluminum Finishes

1.03 SUBMITTALS: As requested by client

A. Shop Drawings

1. Drawings showing all frame dimensions
2. Shutter locations
3. Cross sections showing louver angles and spacing
4. Connection Details
5. Product Information

B. Materials- Frame

1. Provide section of louver and perimeter members
2. Weld or Mechanical Samples

C. Frame Finish

1. Manufacturer's color chart of specified color(s)

1.04 WARRANTY

A. Shutter

1. Aluminum construction shall be warranted for five (5) years against structural or performance defects.

2. Shutter installation shall be warranted for one (1) year.

3. Finish, Tiger Drylac Series 38 Powder Coat and Kynar 500 pass through a limited manufacturer warranty for a minimum of five (5) years and up to forty (40) years

2.0 PRODUCTS

2.01 MANUFACTURERS

A. Sole Source Acceptable Manufacturer:

Awning Works, Inc., 10820 US Hwy 19 N., Clearwater, FL 33764

TF: 866- 873-2941 P: 727-524-1118

Email: Jarrett Schechner: js@awningworksinc.com

2.02 MATERIALS

A. Frame Structure

1. Minimum performance of 6063-T5 aluminum extrusions

2. Louvers and perimeter frame design shall be extruded aluminum, selected from a wide variety of profiles and be sized to withstand all local live, dead and superimposed loads. Awning Works Inc. standard Bahama Shutter louver profile is a 2-in. wide, oval shape, .310-in. thick, with .062-in. sidewall with a perimeter frame of 1½-in. square tube members. Center mullions to be 1½ -in. - unless otherwise noted in project documents.

3. Fasteners shall be non-corrosive, non-staining bolts, shims and accessory items.

2.03 FRAME FINISH: Powder Coat Finish and Kynar Finishes

A. General

1. All aluminum frame surfaces shall be finished to comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products".

B. Pre- Assembly

1. Before finishing, awning frames shall be fully assembled to the largest size(s) that can be accommodated by the finishing processor.

3.0 EXECUTION

3.01 FRAME

A. All members to be cut so as to form tight joints with no gaps.

B. Remove all burrs from cut edges.

C. Louvers to be securely held in place, mechanically or welded and as applicable inserted into slots cut in vertical perimeter frame members and mullions.

3.02 INSTALLATION

A. Shutter(s) to be installed in position(s) indicated by shop drawings, securely connected to supports.

B. Number and Size of fasteners shall be sufficient to meet required loads.

C. Installation shall be structurally sound, level, plumb and leak free.

D. Paint finish touch-up will be field applied as per manufacturer's instructions.