

Apex Canopies

Aluminum-framed Standing Seam Awning Specifications

Part 1: General

1) Description of Work

A) Work in this section encompasses the supply and installation of aluminum awnings, comprising welded extruded aluminum framing and metal covering manufactured by Apex Canopies.

B) Related Items and Considerations.

1) Determine wall construction, make-up, and thickness.

2) Ensure adequate wall condition to carry awning loads where required.

3) Any necessary removal or relocation of existing structures, obstructions, or materials.

2) Quality Assurance

A) Products meeting these specifications established standard of quality required as manufactured by Apex Canopies, Sloatsburg, New York 845-792-0560.

3) Field Measurement

A) Confirm dimensions prior to preparation of shop drawings when possible.

B) If requested, supply the manufacturer's standard literature and specifications for awnings.

C) Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

4) Performance Requirements

A) Awning must conform to local building codes.

B) Determine if specific load requirements have been established for awning and if stamped calculations are required for the location in which awning is installed.

C) The awning must handle a minimum of PSF live load.

5) Deliver, Storage, Handling

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

Part 2: Products

1) Manufacturer

A) Apex Canopies

100 Sterling Mine Rd.

Sloatsburg, NY 10974

Phone: 845-792-0560

2) Materials

A) Aluminum Extrusions:

(1) ASTM B221& ASTM B429 6063-T5 alloy and temper.



B) Framing

- (1) Type: Extruded aluminum staple system square tube**
- (2) Size: 1" square (2" Square) (3" Square).**

C) Supports:

- (1) 1" x 1-1/4" Galvanized steel Z clip.**
- (2) Self-Drilling Stainless Steel Screw: #10 size.**
- (3) 5/16" X 3" HEX LAG screw CR+3 ROHS.**

D) Enclosure:

- (1) 1.5" Double Snap Lock Standing Seam metal roofing panels.**
 - (a) Kynar Coated Galvalume: 26GA—22GA.**
 - (b) Kynar Coated Aluminum: .032" & .040".**

E) Other Components: other components as indicated or as required for system attachment and performance.

3) Finishes

A) Aluminum framing:

- (1) Surface Finish: Mill Finish, pre-cleaned, and pre-sanded.**

4) Fabrication

- A) Fabricate awning system in accordance with approved Shop Drawings.**

Part 3: Execution

1) Inspection

- A) Confirm that the surrounding area is ready for the awning installation.**

B) The installer shall confirm dimensions and elevations to be as shown on drawings provided by Apex canopies.

C) Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed.

2) Installation

A) Installation shall be in strict accordance with the manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.

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

END OF SECTION