

SPECIFICATIONS

Section 10530 - ROLL FORMED METAL CANOPIES WITH OVERHEAD HANGERS

Part 1 – General

1.01– Related Documents:

- A. Drawings and general provisions of the contract, including General and Special Conditions, apply to the work of this section.

1.02– Description of Work:

- A. The extent of awning work is indicated on drawings and by provisions of this section.

1.03– Submittals:

- A. Shop Drawings: Submit shop drawings for components and application conditions of metal canopy units which are not fully dimensioned or detailed in product data. Provide sections and details at connections.
- B. Samples: Submit color charts showing range of colors.
- C. Design Requirements:
 - 1) Design Load: 20 pounds per sq. ft.
 - 2) Design Wind Speed (Velocity): 90 mph.
 - 3) Minimum Roof Deck Thickness: Capable of sustaining a concentrated walking load of 200lbs.
 - 4) Maximum Deflection Limit: L/120 of span.

1.04– Quality Assurance:

- A. General: Provide awning units, which are complete assemblies, produced by one manufacturer/fabricator.
- B. All structural framework elements are single source responsibility of fabricator.
- C. Fabricator’s Qualifications: Where indicated units require custom fabrication, provide units fabricated by shop which is skilled, and with a minimum of five (5) years of experience in similar work. Where units cannot be fully shop-fabricated, complete fabrication work at project site.

1.05– Warranty:

- A. Decking and fascia/gutter shall be warranted by the supplier for a minimum of 10 years. Labor to replace defective decking or fascia/gutter shall be warranted for 1 year. Attachment shall be warranted against defective material and workmanship for a period of 1 year by canopy manufacturer.

Part 2 – Products

2.01 – Acceptable Manufacturers:

- A. **Parasol Awnings, LLC**
4834 Hickory Hill Road
Memphis, Tennessee 38141
Phone (901) 368-4477
Fax (901) 368-1798
www.parasolawnings.com

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- B. Equivalent systems by other manufacturers will be approved for substitution by addendum if the following conditions are met:
 - 1) Acceptable Canopy Products: Other manufacturers must have submitted requested information and have been qualified to bid no less than 10 days prior to bid closing date.
 - 2) Manufacturer must submit complete company literature and information to the architect for review.
 - 3) Manufacturer must submit complete proposed canopy system details, including sizes and strength values of all members to be used.
- C. Roll formed flat-panel deck, 3 inch deep x 12 inch wide section, fabricated from 0.032 inch thick aluminum.
- D. Roll formed fascia/gutter, 3.00 inch wide x 6.50 inch tall fabricated from 0.050 inch thick aluminum.
- E. Beams: Extruded “I” beams or “C” beams and “U” (drain) beams of sufficient depths to adequately support imposed loads.
- F. Extruded overhead support: 1.5 inch square tube fabricated from 0.125 inch thick aluminum.

2.02 – Materials

- A. Smooth aluminum:
 - 1. Extrusions: Meeting requirements of ASTM B221, alloy 6061-T6, 6063-T5, or 6063-T6.
- B. Anchorage Devices, Clips and Fasteners: Manufacturer’s standard type, compatible with materials being secured, of size and spacing sufficient to resist indicated loads. Above roof deck, utilize fasteners with neoprene washers.
- C. Sealants: Single component silicone, in color to match sheets and extrusions.
- D. Accessories: Flashings, brackets, and other items as necessary for complete system.

2.3 – Finishes

- A. Factory Applied Polyester Paint Finish: Comply with AAMA, 603.8, chemically cleaned, conversion coated primer, followed by factory applied baked polyester enamel coating.
Color: As selected from manufacturer’s standard colors.

Part 3 – Execution

3 -01 – Installation

- A. General: Install metal canopy units in manner indicated to comply with manufacturer’s instructions. Position units level, plumb, secure at proper height and location relative to adjoining window units, openings and other related work. Secure anchor units with proper clips, brackets, and anchorages, suited to type of mounting indicated conversion.

END OF SECTION