



## Awnex Pittsburgh Canopy Specifications

### Part 1 General

#### 1.1 Description of work

- A. Work in this section includes furnishing and installation of extruded aluminum overhead hanger rod style canopies, with a gutter, as furnished by Awnex Inc.
- B. Related Items and considerations
  - 1) Flashing of various designs as required.
  - 2) Determine wall construction, make-up, and thickness.
  - 3) Ensure adequate wall construction to carry canopy loads as required.
  - 4) Consider water drainage out of and away from canopy.
  - 5) Any necessary removal or relocation of existing structures, obstructions or materials.
  - 6) Lighting, wiring, and electrical diagrams, as required.
  - 7) Canopy attachment hardware to match building and application.

#### 1.2 Quality Assurance

- A. Products specified herein meet the established standard of quality required, as manufactured by Awnex Inc., Ball Ground, GA, 770-704-7140.

#### 1.3 Field Measurement

- A. Confirm dimension prior to shop drawings when possible or necessary.
- B. If requested, supply manufacturer's standard literature and specifications for canopies.
- B. Submit shop drawings showing structural component locations/positions, material dimensions, and details of construction and assembly.

#### 1.4 Performance Requirements

- A. Canopy must conform to local building codes.
- B. Determine if specific load requirements have been established for canopies and if stamped calculations and drawings are required for location in which canopy is to be installed.

#### 1.5 Delivery, Storage, and Handling

- A. Deliver and store all canopy components in protected areas until ready for installation.

#### 1.6 References

- A. American Architectural Manufacturers Association (AAMA)
  - 1) 2603 Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Architectural Extrusions and Panels.
- B. American Society of Civil Engineers (ASCE) 7 – Minimum Design Loads for Buildings and Other Structures



C. ASTM International (ASTM)

- 1) B-221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes
- 2) B429 – Standard Specification for Aluminum-Alloy Extruded Pipe and Tube

**Part 2 Products**

2.1 Manufacturer

- A. Awnex Inc.  
260 Valley St.  
Ball Ground, Georgia  
Phone: 770-704-7140  
Fax: 770-704-7647

2.2 Materials

- A. Decking shall consist of brake-formed channel style pans at 1/16" thickness (width varies), sealed with extruded aluminum batten caps.
- B. Gutter members / fascia shall be extruded aluminum, alloy 6063-T5 at a nominal thickness of 1/8", and are available at face heights of 6" and 8".
- C. Intermediate framing members (compression bars) shall be extruded aluminum, alloy 6005A-T5 at a nominal thickness of 1/8"
- D. Tie-back clips and saddle brackets shall be extruded aluminum, alloy 6063-T6
- E. Tie-back rods and exposed attachment brackets and hardware shall be powder coated.

2.3 Finishes

- A. Standard powder-coat finish shall conform with AAMA 2603 specifications. Color charts and samples are available upon request.
- B. Optional finishes include standard and custom two-coat Kynar colors, and wood-look "sublimated" finish

2.4 Fabrication

- A. All Pittsburgh canopies are shipped in pre-assembled sections for ease of installation.
- B. All connections shall be mechanically assembled, utilizing 410 stainless steel #10 and #14 size fasteners with a minimum shear stress of 350 lb.
- C. Concealed drainage. Water shall drain from covered surfaces into gutter extrusion for front drainage via scuppers, or rear drainage 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 Awnex Inc.
- C. Erection shall be performed by a qualified installer of similar products and scheduled after all concrete, Masonry, and roofing in the area is completed

#### 3.2 Installation

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

3.3 After installation, entire system shall be cleaned, inspected, sealed, and left in a clean condition.