

DOORBRIM Awnings  
15751 Sheridan Street, #415  
Fort Lauderdale, Florida 33331  
Phone (754) 400-1357  
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## Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The CSI Construction Specifications Practice Guide*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers and titles are based on *MasterFormat 2014 Update*.

## SECTION 10 73 16

### CANOPIES

Specifier Notes: This section covers DOORBRIM Awnings canopies. Consult DOORBRIM Awnings for assistance in editing this section for the specific application.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Canopies.

##### 1.2 REFERENCE STANDARDS

Specifier Notes: List reference standards used elsewhere in this section, complete with designations and titles.

- A. ASTM D 638 – Standard Test Method for Tensile Properties of Plastics.
- B. ASTM D 785 – Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials.

- C. ASTM D 790 – Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

### **1.3 SUBMITTALS**

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| Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required. |
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- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Manufacturer's Project References: Submit manufacturer's list of successfully completed canopy projects, including project name and location, name of architect, and type and quantity of canopies furnished, if available.
- D. Warranty Documentation: Submit manufacturer's standard warranty.

### **1.4 QUALITY ASSURANCE**

- A. Manufacturer's Qualifications: Manufacturer regularly engaged in the manufacturing of canopies of similar type to that specified.

### **1.5 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
  - 1. Store and handle materials in accordance with manufacturer's instructions.
  - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
  - 3. Store materials in clean, dry area.
  - 4. Do not store materials directly on ground.
  - 5. Do not stack other materials on top.
  - 6. Protect materials and finish during storage, handling, and installation to prevent damage.

### **1.6 WARRANTY**

- A. Warranty Period: 5 years, limited.

## **PART 2 PRODUCTS**

### **2.1 MANUFACTURERS**

- A. Manufacturer: DOORBRIM Awnings, 15751 Sheridan Street, #415, Fort Lauderdale, Florida 33331. Telephone: 754-400-1357, Website [www.doorbrim.com](http://www.doorbrim.com), E-mail [admin@doorbrim.com](mailto:admin@doorbrim.com).

Specifier Notes: Specify if substitutions will be permitted.

- B. Substitutions: [Not permitted] [In accordance with Division 1].

## 2.2 CANOPIES

- A. Canopies: "DOORBRIM" Door Canopies.
  - 1. Description: Exterior, overhead, protective, drip-edge canopies.
  - 2. Gutter: Integral front-edge gutter to divert water away from building.
  - 3. Predrilled installation holes.
- B. Material: Primex Plastics "Prime ABS 750" general-purpose ABS.
  - 1. Tensile Strength at Yield, ASTM D 638: 5,100 psi.
  - 2. Flexural Strength, ASTM D 790: 8,000 psi.
  - 3. Flexural Modulus, ASTM D 790: 127,000 psi.
  - 4. Rockwell Hardness, ASTM D 785, R-Scale: 102.
- C. Manufacturing Process: Thermo-vacuum mold.

Specifier Notes: Two material thicknesses are available. Specify 0.187-inch nominal thickness for mild climates. Specify 0.250-inch nominal thickness for harsh climates with snow and ice. Actual finished material thicknesses will vary and be less than the nominal material thicknesses due to the manufacturing process.

- D. Pre-molding: Raw Material Thickness: Mild Climates [0.187 inch] HD for Winter Climates [0.250 inch].

Post-molding: Resulting nominal thicknesses will be less and vary due to the thermo molding process.

- E. Overall Dimensions:
  - 1. Length: 54-1/2 inches.
  - 2. Width: 7-3/4 inches.
  - 3. Height: 7-3/4 inches.
- F. Finish: Sherwin-Williams "POLANE T" 2-component polyurethane enamel with UV inhibitors.

Specifier Notes: Specify finish color.

- 1. Color: [Almond] [Beige] [Gray].

Specifier Notes: Recyclable content may contribute to LEED credits. Consult DOORBRIM Awnings for more information.

- G. Recyclable Content: 100 percent.

## 2.3 ACCESSORIES (Optional)

Specifier Notes: Delete accessories not required.

- A. Splice Brackets:
  - 1. Acrylonitrile-Styrene-Acrylate Copolymer (ASA) Plastic (Imported).
  - 2. Joins multiple canopies together.
  - 3. Same material as canopies.
  
- B. Fasteners (Optional):
  - 1. Qty. 7 Elco #14 Ultracon SS4 Stainless Steel 1 3/4" concrete screws with Stalgard Coating for Additional Corrosion Resistance (USA).
  - 2. Painted to match color of canopies.
  
- C. Washers (Optional):
  - 1. 1/4" x 1" Neopreme Closed Cell Bonded Stainless Steel Washers (USA).
  - 2. Painted to match color of canopies.
  
- D. Joint Sealants: 100 percent GE Clear Silicone I.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine areas to receive canopies.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

### 3.2 INSTALLATION

- A. Install canopies in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install canopies plumb and level.
- C. Anchor canopies securely in place to structure.
- D. Use fasteners and washers provided by manufacturer for installation in concrete and masonry.
- E. Use appropriate fasteners for installation in metal and wood.
- F. Apply joint sealants to make canopies weathertight.

**3.3 ADJUSTING**

- A. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- B. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Architect.

**3.4 CLEANING**

- A. Clean canopies promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that could damage finish.

**3.5 PROTECTION**

- A. Protect installed canopies to ensure that, except for normal weathering, canopies will be without damage or deterioration at time of Substantial Completion.

**END OF SECTION**