

OMG Roofing Products  
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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 are from *MasterFormat 2011 Update*.

### SECTION 23 05 29

#### ROOFTOP PIPE SUPPORTS

Specifier Notes: This section covers OMG Roofing Products “PipeGuard” rooftop pipe supports. Consult OMG Roofing Products for assistance in editing this section for the specific application.

Section 23 05 29 is for Hangers and Supports for HVAC Piping and Equipment.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Rooftop pipe supports.

##### 1.2 RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as necessary. Limit the list to sections with specific information that the reader might expect to find in this section, but is specified elsewhere.

- A. Section 22 05 29 – Hangers and Supports for Plumbing Piping and Equipment.

- B. Section 26 05 29 – Hangers and Supports for Electrical Systems.

### **1.3 SUBMITTALS**

Specifier Notes: Edit submittal requirements as necessary. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, including plans, elevations, sections, and details, indicating dimensions, materials, hardware, and installation layout including sizes and spacing.
- D. Samples: Submit manufacturer's samples of each size of rooftop pipe support specified.
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Maintenance Instructions: Submit manufacturer's maintenance instructions, describing semi-annual visual inspection of rooftop pipe supports and realignment as necessary.
- G. Warranty Documentation: Submit manufacturer's standard warranty.

### **1.4 QUALITY ASSURANCE**

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for past 5 years, in manufacture of rooftop pipe supports of similar type to that specified.

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

- A. Delivery and Acceptance 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 indoors.
  4. Protect materials during storage, handling, and installation to prevent damage.

## **PART 2 PRODUCTS**

### **2.1 MANUFACTURER**

- A. OMG Roofing Products, 153 Bowles Road, Agawam, Massachusetts 01001. 800-633-3800. Fax 413-821-0417. [www.olyfast.com](http://www.olyfast.com). [info@olyfast.com](mailto:info@olyfast.com).

## 2.2 ROOFTOP PIPE SUPPORTS

- A. Rooftop Pipe Supports: "PipeGuard".
  - 1. Supports small rooftop pipes with engineered, prefabricated pipe supports.
  - 2. Installs without roof penetrations or damage to membrane roofing.

Specifier Notes: Specify required models of "PipeGuard" rooftop pipe supports. Delete models not required.
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- B. Model: Mini.
  - 1. Material: Smooth, flexible, black, EPDM rubber.
  - 2. Protects roof system from damage due to movement.
  - 3. UV stable.
  - 4. Supports sit freely on roof.
  - 5. Pipe Support Height: 1-1/2 inches.
  - 6. Drainage Slots: Prevent pipes from sitting in standing water.
  - 7. Supports Nominal Pipe Size: 1/2 inch to 1-1/2 inches.
  - 8. Maximum Load Capacity per Support: 225 lbs.
- C. Model: Small.
  - 1. Material: Smooth, flexible, black, EPDM rubber.
  - 2. Protects roof system from damage due to movement.
  - 3. UV stable.
  - 4. Supports sit freely on roof.
  - 5. Pipe Support Height: 3-1/2 inches.
  - 6. Drainage Slots: Prevent pipes from sitting in standing water.
  - 7. Supports Nominal Pipe Size: 3/4 inch to 2 inches.
  - 8. Maximum Load Capacity per Support: 650 lbs.
- D. Model: Tall Small.
  - 1. Material: Smooth, flexible, black, EPDM rubber.
  - 2. Protects roof system from damage due to movement.
  - 3. UV stable.
  - 4. Supports sit freely on roof.
  - 5. Pipe Support Height: 6 inches.
  - 6. Drainage Slots: Prevent pipes from sitting in standing water.
  - 7. Supports Nominal Pipe Size: 3/4 inch to 2 inches.
  - 8. Maximum Load Capacity per Support: 650 lbs.
- E. Model: Large.
  - 1. Material: Smooth, flexible, black, EPDM rubber.
  - 2. Protects roof system from damage due to movement.
  - 3. UV stable.
  - 4. Supports sit freely on roof.
  - 5. Pipe Support Height: 3-1/2 inches.
  - 6. Drainage Slots: Prevent pipes from sitting in standing water.
  - 7. Supports Nominal Pipe Size: 2-1/2 inches to 5 inches.
  - 8. Maximum Load Capacity per Support: 940 lbs.

- F. Model: Height Adjustable.
1. Material: Smooth, flexible, black, EPDM rubber.
  2. Protects roof system from damage due to movement.
  3. UV stable.
  4. Stainless Steel Support: Adjustable.
  5. Supports sit freely on roof.
  6. Pipe Support Heights: Adjustable from 6 inches to 8-1/2 inches.
  7. Supports Nominal Pipe Size: 1/2 inch to 4 inches.
  8. Maximum Load Capacity per Support: 350 lbs.
- G. Model: Strut.
1. Material: Smooth, flexible, black, EPDM rubber.
  2. Protects roof system from damage due to movement.
  3. UV stable.
  4. Strut Channel: Low profile, 1-5/8-inch, galvanized steel, accepts standard strut clamps.
  5. Supports sit freely on roof.
  6. Pipe Support Height: 4 inches.
  7. Width at Top: 6 inches.
  8. Accommodates single or multiple pipes.
  9. Supports Nominal Pipe Size: Single pipe up to 5 inches.
  10. Maximum Load Capacity per Support: 800 lbs.
- H. Model: Height Adjustable Strut.
1. Material: Smooth, flexible, black, EPDM rubber.
  2. Protects roof system from damage due to movement.
  3. UV stable.
  4. First Strut Channel: Low profile, 1-5/8-inch, galvanized steel, accepts standard strut clamps placed on top of base support.
  5. Second Strut Channel:
    - a. Low profile, placed above first strut channel, 1-5/8-inch, galvanized steel, accepts standard strut clamps.
    - b. Height: Adjustable with 2, zinc-plated threaded rods and nuts.
  6. Supports sit freely on roof.
  7. Pipe Support Heights: Adjustable from 4 inches (after removing second strut channel or setting it above pipes) to 10 inches.
  8. Width at Top: 10 inches.
  9. Accommodates single or multiple pipes.
  10. Supports Nominal Pipe Size: Single pipe up to 6 inches.
  11. Maximum Load Capacity per Support: 160 lbs.

### 2.3 ACCESSORIES

Specifier Notes: Edit the following sentence for the specific application. Delete if not required.

- A. Riser: [1-inch-high] [2-inch-high] EPDM rubber slab in 4-inch by 8-inch shape, set freely on membrane roofing with rooftop pipe supports adhered with bonding adhesive directly to riser.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine rooftop and membrane roofing to receive rooftop pipe supports.
- 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 PREPARATION

- A. Clear membrane roofing of loose gravel and ballast to allow base of each rooftop pipe support to sit flat on roofing.

Specifier Notes: Consult manufacturer of membrane roofing for requirements of separator sheet between each rooftop pipe support and membrane roofing.

- B. Install separator sheet between each rooftop pipe support and membrane roofing.

### 3.3 INSTALLATION

- A. Install rooftop pipe supports in accordance with manufacturer's instructions at locations indicated on the Drawings.

Specifier Notes: Edit the following spacing of rooftop pipe supports for the specific application. Consult OMG Roofing Products for more information.

- B. Spacing of Rooftop Pipe Supports:
  - 1. Pipe Diameters 2 inches to 5 inches: Maximum 10 feet apart.
  - 2. Pipe Diameter 1-1/2 inches: Maximum 8 feet apart.
  - 3. Pipe Diameters less than 1-1/2 inches: Maximum 6 feet apart.
  - 4. Place 1 additional support at every union and source and along with 1 at side of junctions.

Specifier Notes: Edit the following paragraph for the specific application.

- C. Apply proper adhesion method, if required to adhere rooftop pipe supports to membrane roofing.
  - 1. Built-Up Bituminous, Modified Bituminous, and TPO Membrane Roofing: Use 1-component, elastomeric, gun-grade polyurethane sealant.
  - 2. EPDM Membrane Roofing: Use 3-inch or 6-inch wide EPDM roofing seam tape.
  - 3. PVC Membrane Roofing: Weld PVC slip sheet to membrane roofing and adhere rooftop pipe supports with 1-component, elastomeric, gun-grade polyurethane sealant.

### 3.4 PROTECTION

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

**END OF SECTION**