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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 Project Resource Manual—CSI Manual of Practice*.

The 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" when editing this section.

Section numbers are from *MasterFormat* 1995 Edition, with numbers from *MasterFormat* 2004 Edition in parentheses. Delete version not required.

SECTION 07650 (07 65 00)

FLASHING PANELS

Specifier Notes: This section covers Quickflash Weatherproofing Products flashing panels to weatherproof plumbing and electrical penetrations in exterior walls. Consult Quickflash Weatherproofing Products for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

Specifier Notes: Edit the following sentence as required for the project.

- A. Flashing panels to weatherproof [plumbing] [and] [electrical] penetrations in exterior walls.

1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section _____ – _____ : Plumbing piping.

- B. Section _____ – _____ : Electrical boxes.

1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

- A. ASTM D 412 – Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension.
- B. ASTM D 638 – Standard Test Method for Tensile Properties of Plastics.
- C. ASTM D 792 – Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement.
- D. ASTM D 1505 – Standard Test Method for Density of Plastics by the Density-Gradient Technique.
- E. ASTM D 2240 – Standard Test Method for Rubber Property—Durometer Hardness.

1.4 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.

Specifier Notes: Delete the following paragraph if manufacturer's samples of flashing panels are not required.

- C. Samples: Submit manufacturer's samples of flashing panels.
- D. Warranty: Submit manufacturer's standard warranty.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

1.6 WARRANTY

- A. Warranty Period: 10 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Quickflash Weatherproofing Products, Inc., 4129 Wagon Trail Avenue, Las Vegas, Nevada 89118. Phone (702) 614-6100. Fax (702) 614-4090. Website www.quickflashproducts.com. E-mail qfinfo@quickflashproducts.com.

2.2 FLASHING PANELS

- A. Flashing Panels: Quickflash Weatherproofing Flashing Panels.
- B. Plumbing Flashing Panels:
 - 1. Materials:
 - a. Panel: Combination of high-density polyethylene (HDPE) and low-density polyethylene (LDPE).
 - 1) HDPE, Specific Gravity, ASTM D 1505: 0.953 g/cm³.
 - 2) HDPE, Tensile Strength at Yield, ASTM D 638: 3,100 psi.
 - 3) LDPE, Specific Gravity, ASTM D 792: 0.917 g/cm³.
 - 4) LDPE, Tensile Strength at Yield, ASTM D 638: 1,300 psi.
 - b. Weatherproof Seal: Thermoplastic elastomer.
 - 1) Hardness, ASTM D 2240, Shore A, 10 Seconds: 46.
 - 2) Specific Gravity, ASTM D 792: 1.05 g/cm³.
 - 3) Tensile Strength, ASTM D 412: 490 psi.

Specifier Notes: Specify plumbing flashing panel models required. Delete models not required.

- 2. Model: P-50.
 - a. Fits: 1/2-inch to 3/4-inch pipes; copper, rigid, PVC, and ABS.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 3. Model: P-100.
 - a. Fits: 1-inch to 1-1/4-inch pipes; copper, rigid, PVC, and ABS.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 4. Model: P-150.
 - a. Fits: 1-1/2-inch to 1-3/4-inch pipes; copper, rigid, PVC, and ABS.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 5. Model: P-200.
 - a. Fits: 2-inch to 2-1/2-inch pipes; copper, rigid, PVC, and ABS.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 6. Model: P-300.
 - a. Fits: 3-inch pipes, ABS.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 7. Model: P-400.
 - a. Fits: 4-inch pipes, ABS.
 - b. Size: 12-1/2 inches by 12-1/2 inches by 3/32 inch.
- 8. Model: P-600.
 - a. Fits: 6-inch sheet metal duct.
 - b. Size: 12-1/2 inches by 12-1/2 inches by 3/32 inch.
- 9. Model: P-2PS.
 - a. Fits: Cut out center to fit 1/2-inch to 2-inch copper pipes with exterior tees sweated on.
 - b. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch. 2-piece panel.

C. Electrical Flashing Panels:

1. Material: Thermoplastic elastomer.
 - a. Hardness, ASTM D 2240, Shore A, 10 Seconds: 93.
 - b. Specific Gravity, ASTM D 792: 1.05 g/cm³.
 - c. Tensile Strength, ASTM D 412: 1,300 psi.

Specifier Notes: Specify electrical flashing panel models required. Delete models not required.

2. Model: E-SGB-A 1-3/8 inches, electrical single-gang box flashing panel.
 - a. Use: 1-coat stucco and EIFS.
 - b. Fits: Allied Moulded electrical single-gang boxes, part 9327-N.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
3. Model: E-3/0 B-A 1-3/8 inches, electrical 3/0 box flashing panel.
 - a. Use: 1-coat stucco and EIFS.
 - b. Fits: Allied Moulded electrical 3/0 boxes, parts 9335-HNK and 9335-HNGK.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
4. Model: E-SGB-A 7/8 inches, electrical single-gang box flashing panel.
 - a. Use: 3-coat stucco.
 - b. Fits: Allied Moulded electrical single-gang boxes, part 9327-N.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
5. Model: E-3/0 B-A 7/8 inches, electrical 3/0 box flashing panel.
 - a. Use: 3-coat stucco.
 - b. Fits: Allied Moulded electrical 3/0 boxes, parts 9335-HNK and 9335-HNGK.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
6. Model: E-3/0 B, electrical 3/0 box flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical 3/0 plastic boxes.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
7. Model: E-4/0 B, electrical 4/0 box flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical 4/0 plastic boxes.
 - c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
8. Model: E-PC 3/0, electrical pancake 3/0 box flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical pancake 3/0 metal boxes.

- c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 9. Model: E-PC 4/0, electrical pancake 4/0 box flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical pancake 4/0 metal boxes.
- c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 10. Model: E-SGB, electrical single-gang box flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical single-gang plastic boxes.
- c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.
- 11. Model: E-SGR, electrical single-gang 1/2-inch raised-plaster-ring cover flashing panel.
 - a. Use: 3-coat stucco and lap siding.

Specifier Notes: Refer to Quickflash Weatherproofing Products electrical cross-reference sheet for box compatibility.

- b. Fits: Specified electrical single-gang raised-plastic-ring cover.
- c. Size: 11-1/8 inches by 11-1/8 inches by 3/32 inch.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive flashing panels.
- 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. Copper Pipes:
 - 1. Heat sweat copper pipes before installation of flashing panels.

Specifier Notes: Provide section number for installation of copper pipes.

- 2. Install copper pipes as specified in Section _____ .

3.3 INSTALLATION

- A. Install flashing panels in accordance with manufacturer's instructions.
- B. Plumbing Flashing Panels, 1 Piece:
 - 1. Select flashing panel required for specific pipe sizes.
 - 2. Push flashing panel over pipe with label facing to exterior to form weatherproof seal around pipe.

Specifier Notes: Nailing of flashing panels to walls is not required and is optional. Consult Quickflash Weatherproofing Products for more information. Delete the following sentence if nailing of flashing panels is not required.

- 3. Nail flashing panels to walls with corrosion-resistant nails at top of panels.

Specifier Notes: Provide section number for installation of pipe.

- 4. Install pipe as specified in Section _____ .

Specifier Notes: Include the following paragraph when specifying two-piece plumbing flashing panel Model P-2PS.

- C. Plumbing Flashing Panels, 2 Piece:
 - 1. Cut flashing panel scores to size of pipe.
 - 2. Place bottom panel under pipe.
 - 3. Snap top panel to bottom panel over pipe.
 - 4. Caulk pipe to flashing panel with exterior polyurethane joint sealant for weatherproof seal.

Specifier Notes: Provide section number for installation of pipe.

- 5. Install pipe as specified in Section _____ .

- D. Electrical Flashing Panels:
 - 1. Select flashing panel required for specific electrical boxes.
 - 2. Push flashing panel over electrical box with label facing to exterior to form weatherproof seal around box.
 - 3. Ensure flashing panel collar edge is flush with electrical box opening edge.

Specifier Notes: Nailing of flashing panels to walls is not required and is optional. Consult Quickflash Weatherproofing Products for more information. Delete the following sentence if nailing of flashing panels is not required.

- 4. Nail flashing panels to walls with corrosion-resistant nails at top of panels.

Specifier Notes: Provide section number for installation of electrical boxes.

- 5. Install electrical boxes as specified in Section _____ .

- E. Weather Barriers:

1. Place weather barrier up behind bottom of flashing panel to bottom of pipe or electrical box.
2. Place second layer of weather barrier over top of flashing panel to bottom front edge or further down.

Specifier Notes: Provide section number for installation of weather barriers.

3. Install weather barriers as specified in Section _____ .

3.4 PROTECTION

- A. Protect installed flashing panels from damage during construction.

END OF SECTION