

## **SPECIAL SPECIFICATION**

### **SECTION 07650S**

#### **FLEXIBLE FLASHING**

##### **PART 1 - GENERAL**

###### **1.01 SECTION INCLUDES**

- A. Through wall flashings for masonry construction.

###### **1.02 RELATED SECTIONS**

- A. Section 03100 - Concrete Formwork.
- B. Section 04300 - Unit Masonry.
- C. Section 05400 - Structural Stud Framing Systems.

###### **1.03 REFERENCES**

- A. ASTM D 412 - Rubber Properties in Tension.
- B. ASTM D 822 - Standard Practice for Operating Light-and Water-Exposure Apparatus (Carbon-Arc Type) for Testing Paint, Varnish, Lacquer and Related Products.

###### **1.04 SUBMITTALS**

- A. Product Data: Describing technical and performance characteristics of products proposed for use.
- B. Manufacturer's Instructions: Including complete installation instructions and methods of attachment/embedment into substrate.

###### **1.05 QUALITY ASSURANCE**

- A. Installer Qualifications: Company specializing in installation of thru-wall flashings with three years minimum experience.

###### **1.06 ENVIRONMENTAL REQUIREMENTS**

- A. Do not allow plastic flashing to remain exposed to the elements for longer than 30 days.

###### **1.07 SEQUENCING AND SCHEDULING**

- A. Coordinate installation in accordance with Section 01041. Do not begin work until substrate preparation is complete.

## PART 2 - PRODUCTS

### 2.01 MANUFACTURERS

- A. Afco Products Inc., Somerville, MA.
- B. B.F. Goodrich Co., Akron, OH.
- C. Rubber and Plastics Compound Co., Long Island, NY.
- D. York Manufacturing Inc., Sanford, ME.

### 2.02 MODIFIED BITUMEN

- A. Acceptable Products: Perm-A-Barrier Wall Seam Tape & Wall Flashing System by W.R. Grace & Co.
- B. Material:
  - 1. Sheet Membrane: Rubberized asphaltic sheet laminated to a polypropylene film, 40 mil minimum total thickness, width as required for joints and flashing conditions.
  - 2. Primer: Rubber based solvent type recommended by membrane manufacturer.
  - 3. Mastic: Rubberized asphaltic type recommended by membrane manufacturer.
  - 4. Liquid Membrane: Two component elastomeric, mastic grade.

### 2.03 ACCESSORIES

- A. Joint Cement and Adhesive: Asphaltic based mastic of type and composition recommended by membrane manufacturer.
- B. Fasteners: Same metal as flashing material, or other non-corrosive metal as recommended by sheet manufacturer.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Verify that surfaces and conditions are ready to receive work of this section. Notify Architect of any existing conditions which will adversely affect execution. Beginning of execution will constitute acceptance of existing conditions.
- B. Verify that reglets have been set and are ready to receive the work of this section.

### 3.02 INSTALLATION

- A. Install using skilled workmen in accordance with manufacturer's printed instructions and recommendations.

- B. Extend flashing 1/4-inch beyond outside face of wall, extend through veneer, turn up 8 inches and bed into mortar joints of masonry backup.
- C. Attach or adhere (at manufacturer's recommendation) flashing to sheathing backup on stud wall systems as work progresses. Allow flashing to drop a minimum of 8 inches before bedding into mortar joint of exterior veneer. Stop flashing 1/4-inch beyond outside face of wall. Seal flashing tightly to vapor barrier.
- D. Where reglets are detailed, slip flashing into reglet and secure in place per manufacturer's recommendations. Allow flashing to drop a minimum of 8 inches before bedding into mortar joint of exterior veneer. Stop flashing 1/2-inch from outside face of wall. Seal tightly to vapor barrier.
- E. Seal joints in flashing and joint treatment watertight with lap distance and method as recommended by manufacturer. Create end dams to channel water back to nearest weep hole.

### 3.03 PROTECTION

- A. Protect flashing until placement within wall is complete. Do not allow wind to displace or damage flashing.

END OF SECTION