

DIVISION 7- THERMAL AND MOISTURE PROTECTION

SECTION 07652

THRU-WALL FLASHING AT OPENINGS

Part 1 GENERAL

1.01 SCOPE

- A. Provide all self-adhering rubberized asphalt flashing as indicated on drawings at all openings (windows, doors, transoms, etc).

1.02 RELATED SECTIONS

- A. 04300 Unit Masonry Systems
- B. 04525 Masonry Restoration and Cleaning.
- C. 07315 Interlocking Metal Wall Panels
- D. 07620 Flashing and Sheet Metal
- E. 08411 Aluminum Entrances and Storefronts

1.03 REFERENCE STANDARDS

- A. ASTM-D-781 – Puncture Resistance (Film).
- B. ASTM-E-154 – Puncture Resistance of Composite.
- C. ASTM-D-412 – (Modified) – Tensile Strength of Composite.
- D. ASTM-D-882 (Modified) – Elongation of Rubberized Asphalt.
- E. ASTM-E-96 (Method B) – Water Vapor Transmission.
- F. ASTM-D-36 Softening Point of Rubberized Asphalt.

1.04 DELIVERY, STORAGE, HANDLING:

- A. Deliver materials in original, unopened manufacturers containers.
- B. Protect all materials from weather. Assure that all lids remain tight.
- C. Protect all material from exposure to fire and excessive heat.
- D. Installer to maintain all MSDS forms on site during installation.

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. POLYGUARD
- B. W.R. GRACE
- C. IPCO (Illinois Products Corporation)

2.02 MATERIALS

- A. Provide adhesive back thru wall flashing, 40 mils thick with laminated facer and release sheet backing.

2.03 ACCESSORIES

- A. Provide the following accessories to be provided by the flashing manufacturer to maintain a single source warranty for materials.
 - 1. Adhesive Back 40 mil preformed end dams and corners.
 - 2. Liquid adhesive or primer.

3. Detailing sealant or mastic.
4. Mechanical termination device and horizontal or vertical cavity drain.

PART 3 – EXECUTION

3.01 PREPARATION

- A. Clean all surfaces of dust, dirt, and scale or rust.
- B. Remove sharp protrusions such as concrete, brick, mortar, or plaster.

3.02 APPLICATION

- A. Apply liquid adhesive to all surfaces to receive flashing membrane by brush or roller at recommended square feet per gallon by manufacturer.
- B. Cut pieces of flashing as needed and apply to substrate 30-60 minutes after adhesive has been applied. Remove release sheet and carefully positing flashing. Do not allow it to come in contact with substrate until final placement. Lap flashing 2” minimum in shingle fashion or parallel to water flow. Prime overlaps in cold weather as recommended by manufacturer.
- C. Press flashing firmly into place by hand or with roller.
- D. Apply preformed end dams and corners by priming surface. Apply pressure to material by hand to assure proper contact. Insure that dams and corners are positioned to block water flow from entering the structure.
- E. Use detailing sealant or mastic to seal all top horizontal terminating edges of the flashing.
- F. Seal top terminations of flashing to pipes and other protrusions using detailing sealing or mastic.
- G. Install the horizontal or vertical cavity drain per the manufacturers installation instructions.

END OF SECTION – 07652