

SECTION 076500 – FLEXIBLE FLASHING

PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes: Window and door penetration, Wet-Flash liquid applied flashing system, to include membrane and fabric counter-flashing required for complete installation when used with non-liquid applied weather resistive barrier.

1.2 SUBMITTALS

A. Product Data

1. Submit manufacturer's literature for liquid applied flexible flashing membrane.
2. Submit manufacturer's literature for fabric counter-flashing.

1.3 RELATED SECTIONS

A. Section 079200 – Caulking and Sealants

1.4 DELIVERY, STORAGE AND HANDLING

A. Comply with requirements in Manufacturer's written instructions.

B. Deliver materials to site in unopened containers with visible labels.

C. Storage and Protection:

1. Store products within manufacturer's required temperature and humidity ranges.

2. Prior to use, condition products within manufacturer's required temperature and humidity ranges.

1.5 PROJECT CONDITIONS

A. Environmental Requirements:

1. Apply liquid flexible flashing when the following are within the manufacturer's limits during and for 4 hours after membrane installations:
 - a. Ambient and surface temperatures.

- b. Relative humidity.
2. Do not apply to surfaces with standing water or frozen.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Building Envelope Innovations (BEI) – Clackamas, OR 503-972-2305
- B. Flashing Products Inc. - Seattle, WA 206-568-6633

2.2 MATERIALS

- A. Liquid Applied Flexible Flashing:
 - 1. BEI PM-7000 Penetration Membrane
 - a. Reference Standards: ASTM E 547
 - b. Water Vapor Permanence: ASTM E 96 Wet Cup Method 6 perms
 - c. Water Resistance: ASTM D 779 - 48 hours minimum
- B. Fabric Counter-flashing:
 - 1. Flashing Products Inc. Sure Flash
 - a. Reference Standards: ASTM E 547
 - b. Water Resistance: ASTM D 779 - 48 hours minimum

PART 3 – EXECUTION

3.1 PREPARATION

- A. Prepare surface per manufacturer’s requirements. The window or door rough opening must be prepared by ensuring a flush, level, smooth, clean and dry surface. The sheathing must be trimmed properly to support the window frame and ensure long-term structural integrity of the exterior wall construction.

3.2 INSTALLATION

- A. Apply PM-7000 to bottom of rough opening and out nine inches to side and top of the rough opening. Do not apply material to sheathing below rough opening.
- B. While PM-7000 is still wet, install “Sure-Flash” pre-creased fabric counter-flashing three inches above the bottom of opening extending nine inches to both sides. Cut fabric counter-flashing at sides of opening to the bottom of opening and fold over sill. Press fabric counter-flashing into wet PM-7000 with broad knife.

- C. Apply PM-7000 to balance of the rough opening and over fabric counter-flashing at sill and out nine inches onto the wall sheathing at sides and top of rough opening.
- D. Allow cure time of 30 minutes or dry to the touch before window or door installation.
- E. After Window or door installation, apply the interior seal using BEI WS-7100. (see section 07920)

3.3 QUALITY CONTROL

- A. General Contractor to continually review and supervise installation of penetration membrane, fabric counter-flashing and interior seal system.

END OF SECTION