

## Base Flashing

**For non-load-bearing construction, using roof-to-wall expansion joint cover**

### General

This flashing specification is for use on non-load-bearing construction, or where there is any potential for differential movement between the deck and the wall or parapet. The vertical wood curb should be fastened to the deck only.

**Note:** All general instructions contained in the current JM Commercial/Industrial Roofing Systems Manual are to be considered part of this specification.

**Wall Preparation:** Any previously installed metal cap or counterflashing must be lifted or removed, to permit application of the expansion joint cover.

### Materials

**Base Flashing and Expand-O-Flash:** Approximately 100 lin ft (30.48 lin m) of base flashing (8" [203 mm] high above the roof) and Expand-O-Flash can be installed with the following materials. Usage will vary depending on actual flashing height and field conditions.

FesCant Plus	100 lin ft (30.48 lin m)
DynaLastic 180 S	110 ft <sup>2</sup> (10.22 m <sup>2</sup> )
GlasKap CR	110 ft <sup>2</sup> (10.22 m <sup>2</sup> )
Type III* or Type IV Asphalt or MBR Flashing Cement	35 lb (15.9 kg) 4 - 5 gal (15.1 - 18.9 l)
or MBR Utility Cement	9 gal (34.1 l)
Expand-O-Flash Style CF-EJ	100 lin ft (30.48 lin m)
Bestile Industrial Roof Cement	3 gal (11.4 l)
or MBR Flashing Cement	2 gal (7.6 l)
or MBR Utility Cement	4 gal (15.1 l)

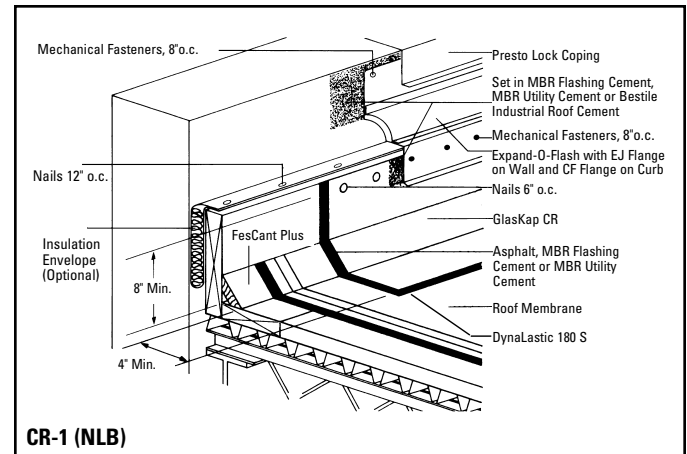
### Application

**Base Flashing:** The roof membrane must extend to the top of the cant. The completed base flashing shall extend not less than 8" (203 mm) above the level of the roof, and shall extend onto the roof membrane a minimum of 4" (102 mm). Cut the membranes into sections that can be easily handled and installed (6' - 8' [1.83 m - 2.44 m] long), and position upside down on the membrane, to allow the product to relax.

**Hot Asphalt Application:** Starting just above the point on the parapet where the base flashing will terminate, mop the parapet and the surface of the roofing membrane on and just below the cant. Holding the upper corners of the DynaLastic 180 S, position its lower horizontal edge on the cant and lay it into place over the cant strip and up the wall. The sheet should be "worked in" to ensure that it is firmly and uniformly bonded.

Using the same technique, install a second ply of flashing, using GlasKap CR. The GlasKap CR should extend from the top of the base flashing to 4" (102 mm) past the cant into the field of the roof.

The asphalt temperature must be a minimum of 400°F (204°C) or at the EVT, whichever is higher, when the membrane is set into it. This higher temperature maximizes the bonding of the base flashing. In cool or cold weather, the back of the membrane sheet should also be mopped with the hot asphalt, and shorter lengths of membrane should be used. PermaMop may not be used to install membrane.



**Cold Adhesive Application:** When using cold adhesive, use a layer of MBR Flashing Cement  $\frac{1}{16}$ " (2 mm) thick, or a layer of MBR Utility Cement  $\frac{1}{8}$ " (3 mm) thick. Coat the parapet, the surface of the roofing membrane on the cant, and the roofing membrane on the field of the roof.

In both hot and cold applications, the vertical joints are to be overlapped a minimum of 4" (102 mm) and well sealed. Mechanically fasten the base flashing on 6" (152 mm) centers along its top edge. Fasteners must have a 1" (25 mm) minimum diameter integral cap, or be driven through 1" (25 mm) minimum diameter rigid metal discs. It is recommended that the vertical laps be covered with a  $\frac{1}{8}$ " (3 mm) thick layer of MBR Flashing Cement, or a 4" (102 mm) wide strip of fiber glass mesh or ply felt embedded in and trowelled over with a layer of MBR Utility Cement.

**Expand-O-Flash Installation:** Install Expand-O-Flash in accordance with the application instructions included with the product. Prefabricated inside and outside corners, as well as horizontal-to-vertical transitions, are available to complete the Expand-O-Flash installation.

**Metal Counterflashing:** The metal counterflashing of the wall flange should be installed in accordance with the counterflashing manufacturer's specifications and details, or in accordance with SMACNA procedures. Refer to Section 2h on "Specialty Roofing Products."

**Surfacing:** GlasKap CR requires no additional surfacing.

\* Consult a JM Technical Services Specialist regarding the use of Type III asphalt in hot climates.

**Note:** For the most current information on general guidelines, please refer to the System Considerations tab under Systems Introduction & Selection on the JM Roofing Web site. For specifications, flashing details and general installation information please refer to the System Application tab.

Refer to the Material Safety Data Sheet and product label prior to using this product.