

Base Flashing

For load-bearing masonry parapet construction with nailing facilities

General

This flashing specification is for use on masonry parapets that can accept and retain the required mechanical fasteners, and where the roof deck is supported by the parapet.

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 base flashing.

Apply Asphalt Primer to the masonry wall, to the full height of the proposed base flashing and counterflashing, and allow the primer to dry thoroughly.

Materials

Base Flashing: Approximately 100 lin ft (30.5 lin m) of base flashing (8" [203 mm] high above the roof) can be installed with the following materials. Usage will vary depending on actual flashing height and field conditions.

FesCant Plus	100 lin ft (30.5 lin m)
Asphalt Primer	½ to 1 gal (0.2 to 4.1 l/m ²)
DynaLastic 180 S	110 ft ² (10.22 m ²)
GlasKap CR	110 ft ² (10.22 m ²)
Type III* or Type IV Asphalt	35 lb (15.9 kg)
or MBR Flashing Cement	4 - 5 gal (15.1 - 18.9 l)
or MBR Utility Cement	9 gal (34.1 l)

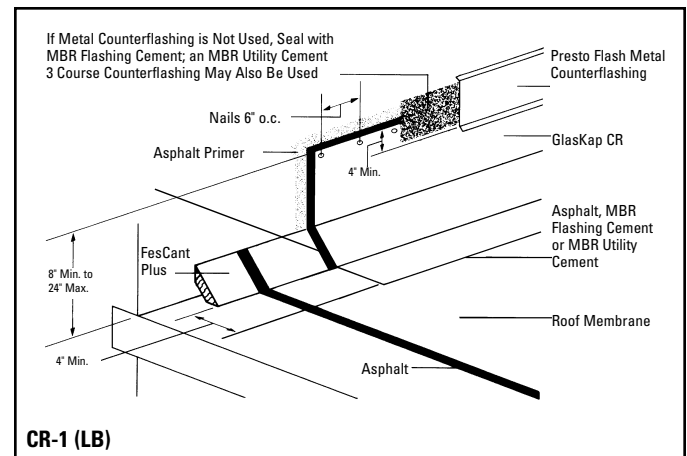
Application

Base Flashing: The roof membrane must extend to the top of the cant. The completed base flashing should extend between 8" (203 mm) and 24" (610 mm) above the level of the roof, and shall extend onto the roof membrane a minimum of 4" (102 mm). Cut the DynaLastic 180 S and GlasKap CR 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 ⅛" (2 mm) thick, or a layer of MBR Utility Cement ⅜" (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 shall 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 ⅛" (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.

Metal Counterflashing: Presto Flash metal counterflashings, when properly installed, are the preferred method of completing this flashing detail. They should be installed in accordance with the metal manufacturer's recommendations, or in accordance with SMACNA procedures, and should overlap the base flashing by a minimum of 4" (102 mm). Refer to Section 2h on "Specialty Roofing Products."

MBR Cement Counterflashing: If metal counterflashings are not used, the base flashing must be finished with a 4" (102 mm) wide, ⅛" (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 ⅜" (3 mm) thick layer of MBR Utility Cement, bringing the cement to a feather edge. This procedure should also be used if the application of metal counterflashings will be delayed.

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.