

## Base Flashing and Wall Covering

**For tilt-up construction walls more than 24" (610 mm) above the roof membrane**

### General

This flashing specification is for use on tilt-up construction walls which are more than 24" (610 mm) high above the roof.

**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 coping 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 (30.48 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 (30.48 lin m)
Asphalt Primer	½ to 1 gal (0.2 to 4.1 l/m <sup>2</sup> )
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) 8 gal (30.3 l)
or MBR Utility Cement	9 gal (34.1 l)

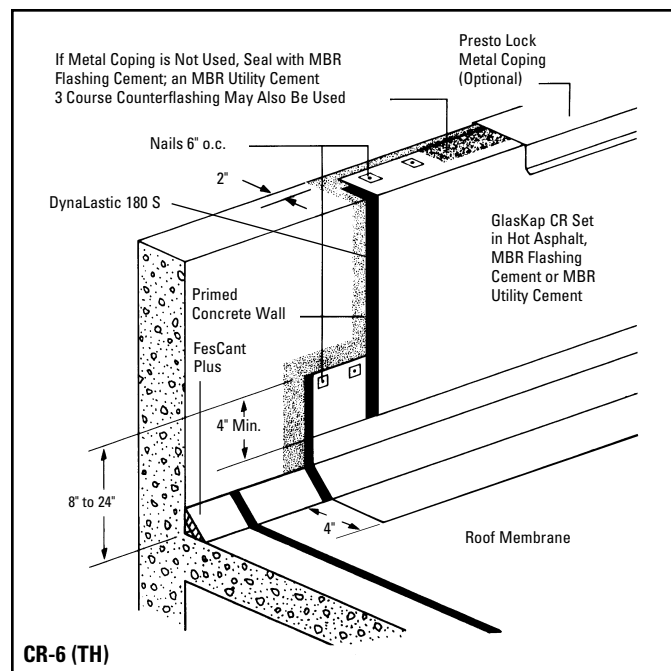
**Wall Covering:** Approximately 100 ft<sup>2</sup> (9.29 m<sup>2</sup>) of wall covering can be installed with the following materials. Usage will vary depending on field conditions.

Asphalt Primer	1 gal (3.8 l)
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	30 lb (13.6 kg) 8 gal (30.3 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 shall extend not less than 8" (203 mm) nor more than 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" (120 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" (1.6 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 of the base flashing shall be overlapped a minimum of 4" (102 mm) and be well sealed. Mechanically fasten the base flashing on 6" (102 mm) centers along the 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.

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



## Bituminous Flashings Specification CR-6 (TH) (cont'd)

### Base Flashing and Wall Covering

#### For tilt-up construction walls more than 24" (610 mm) above the roof membrane

**Wall Covering:** Starting just beyond where the wall covering will terminate on the top of the parapet, install DynaLastic 180 S, using the same application procedures used in the base flashing application. The wall covering shall overlap the base flashing by a minimum of 4" (102 mm). Follow with a layer of GlasKap CR. The GlasKap CR should overlap the DynaLastic 180 S by 2" (52 mm).

All vertical joints in the wall covering shall be overlapped a minimum of 4" (102 mm) and be well sealed. Mechanically fasten the wall covering on 6" (152 mm) centers along the 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 in both the base flashing and the wall covering be covered with a 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.

**Metal Coping (optional):** The Presto Lock metal coping should be installed in accordance with the coping manufacturer's specifications and details, or in accordance with SMACNA procedures. Refer to Section 2h on "Specialty Roofing Products."

If a metal coping is not used, the wall covering must be finished with a 4" (102 mm) wide, 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 1/8" (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 the metal coping 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.

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