

Base Flashing and Wall Covering

For load-bearing wood parapet construction more than 24" (610 mm) above the roof membrane

General

This flashing specification is for use on wood surfaced walls or parapets which are more than 24" (610 mm) high above the roof, and where the roof deck is supported by the wall or 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 coping or counterflashing must be lifted or removed, to permit application of the base flashing.

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)
Approved JM Base Sheet	75 ft ² (6.97 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 or MBR Flashing Cement	35 lb (15.9 kg) 8 gal (30.3 l)
or MBR Utility Cement	9 gal (34.1 l)

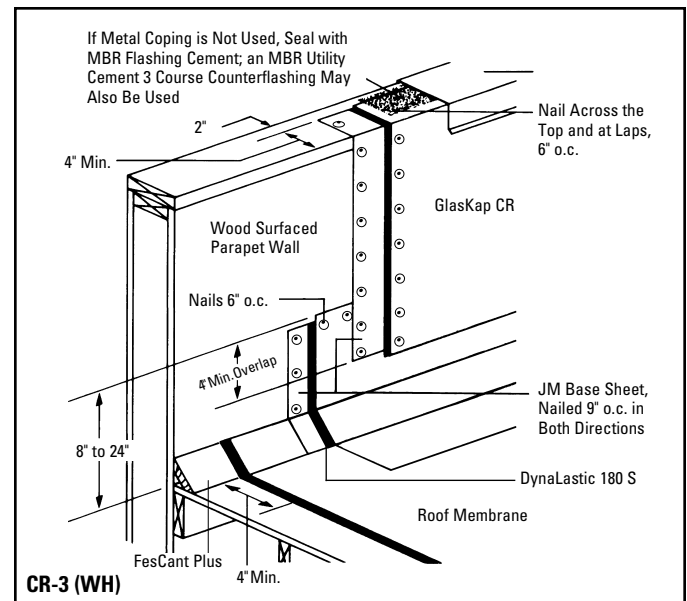
Wall Covering: Approximately 100 ft² (9.3 m²) of wall covering can be installed with the following materials. Usage will vary depending on field conditions.

Approved JM Base Sheet	100 ft ² (9.29 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 or MBR Flashing Cement	30 lb (13.6 kg) 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 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). Mop the surface of the roofing felts on the cant with hot Type III* or Type IV asphalt. Immediately set the backer felt into the hot asphalt, smoothing the felt to set it firmly into the asphalt. The backer felt may also be adhered to the felts on the cant using MBR Flashing Cement or MBR Utility Cement. The bottom edge of the backer felt should terminate at the bottom edge (base) of the cant. Do not extend the backer felt onto the horizontal surface of the membrane. The backer felt should extend up the parapet a minimum of 8" (203 mm), and be nailed at 9" (229 mm) centers in both directions, and at all laps. The backer felt should not be adhered to the wall. Laps in the backer felt should be a minimum of 2" (51 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 just past the top of the DynaLastic 180 S 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 $\frac{3}{8}$ " (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 of the base flashing shall be overlapped a minimum of 4" (102 mm) and be well sealed. Laps in the backer felt and the membrane shall be offset a minimum of 6" (152 mm) from each other. Mechanically fasten the base flashing 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.

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



Bituminous Flashings Specification CR-3 (WH) (cont'd)

Base Flashing and Wall Covering

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Wall Covering: Position the DynaLastic 180 S so that it will overlap the upper edge of the base flashing a minimum of 4" (102 mm), and will wrap over the top of the parapet a minimum of 4" (102 mm). The DynaLastic 180 S should be nailed at 9" (229 mm) centers in both directions, at the top edge, and at all side laps. The DynaLastic 180 S should not be adhered to the wall. Laps should be a minimum of 4" (102 mm).

Repeat with GlasKap CR, starting 2" beyond the DynaLastic 180 S.

All vertical joints of the wall covering shall be overlapped a minimum of 4" (102 mm) and be well sealed. Laps in the DynaLastic 180 S and the GlasKap CR shall be offset a minimum of 6" (152 mm) from each other. Mechanically fasten the wall covering on 6" (152 mm) centers along the top edge and at the side laps. Fasteners must have a 1" (25 mm) minimum diameter integral cap, or be driven through 1" (25 mm) minimum diameter rigid metal discs.

Cover all exposed nails 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. It is recommended that the vertical laps in both the base flashing and the wall covering be similarly treated.

Metal Coping: 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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