



Description

PermaFlash is a flashing system using JM's premium grade flashing material, MBR® Flashing Cement, in conjunction with a reinforcing fabric and an adhesion enhancing primer. MBR Flashing Cement is a premium grade two-part urethane and asphalt flashing material. The PermaFlash™ System can be used to flash irregularly shaped penetrations. Nonporous surfaces require priming with PermaFlash™ Primer in order to achieve maximum adhesion.

Materials Required and Coverage Rates

Accessories			
Product	SKU	Packaging	Coverage
Permaflash Primer (Low VOC)	70003232	32 oz bottle 6 bottles/box	150ft ² (13.94m ²)
Permaflash Scrim	70000061	12" x 300' roll	300ft ² (27.87m ²)

Liquid Resins- available in cartridges or pail			
Product	SKU	Packaging	Coverage
MBR Flashing Cement Activator MBR Flashing Cement Base <i>Must be ordered together</i>	70000034 70000032	44.1 oz bottle 3.9 gal pail	20-25 ft ² /gal (0.49-0.61m ² /l)
MBR Flashing Cement Cartridges	70000038	848.8 ml cartridges 6 cartridges/box	20-25 ft ² /gal (0.49-0.61m ² /l)

Full Kit			
Product	SKU	Packaging	Coverage
PermaFlash Complete Kit	70004152	Contains- 4 MBR Flashing Cement Cartridges 12" x 20' scrim 1 bottle Permaflash Primer	Resin-20-25 ft ² /gal (0.49-0.61m ² /l) Scrim- 20 ft ² (1.86m ²)

Recommended Tools

½" (12.7 mm) Drill and 8" (203 mm) Mud Mixer
(not required for MBR Flashing Cement Cartridges)
Cloth rags and glove
Stiff bristle brushes or rollers
Scissors

Surface Preparation

All surfaces to receive the PermaFlash System must be clean, dry and free of any dirt, dust, debris, rust and oils. Remove contaminants such as oils with a suitable solvent cleaner. For best results it is recommended that surfaces such as metals and plastics be abraded. Mask off with tape any areas not intended to receive the MBR Flashing Cement.

Pre-cut PermaFlash Scrim

Lay out scrim around penetration and cut to fit. Scrim must wrap around penetration and bridge all vertical to horizontal transitions. Scrim must extend 6" (152 mm) up vertical surfaces and 6" (152 mm) out on horizontal surfaces.

PermaFlash Primer Application

Shake bottle vigorously for 3-5 seconds prior to opening. All nonporous surfaces to receive MBR Flashing Cement should be primed *no more* than 1 hour prior to application. PermaFlash Primer can be wiped on with a cloth rag. Surfaces only need to be wiped once. Replace soiled rags with clean rags as necessary. Wiping on the PermaFlash Primer also helps to clean the surface.

PermaFlash Primer may also be applied with spray bottles or Hudson type sprayers. Apply only a light mist when spraying. Do not over apply, creating puddles or runs.

The PermaFlash Primer will flash off (dry) almost immediately. PermaFlash Primer *must* be dry prior to applying MBR Flashing Cement.

MBR Flashing Cement Application

Pour MBR Cement Activator into MBR Flashing Cement Base pail and immediately mix for 3 minutes. Mix with a ½" (13 mm) drill. Drill must have a maximum rpm between 450 and 900. Do not mix by hand. Do not under mix. Use an 8" (203 mm) rectangular mud mixer blade or a large spiral mixer blade. For MBR Flashing Cement Cartridges, load tube into the applicator and dispense.

Once mixed, MBR Flashing Cement can be applied with rollers, brushes, and trowels/putty knives.

Apply a thin base coat, minimum of 20 mils (0.51 mm), of the MBR Flashing Cement to the penetration and the target area around the penetration. Immediately embed the pre-cut scrim into the wet coating. It is recommended that the thin base coat cure for a minimum of 30 minutes prior to top coating for ease of application. Experienced applicators may find that this is not necessary. Apply a second coat of MBR Flashing Cement to the exposed scrim so as to completely encapsulate the scrim. A minimum of 60 mils (1.52 mm) will be required to cover the scrim.

MBR Flashing Cement should extend 2" (51 mm) past the scrim in all directions.

Working time is approximately 30 minutes, but will vary depending on temperature. See working time chart on packaging for details.

Cure Times

Protect coated areas from damaging conditions such as construction traffic and weather until material cures to a solid membrane. Cure times will vary depending on temperature. Warmer temperatures will decrease cure times; cooler temperatures will increase cure times.

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at www.jm.com/roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

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