

Meets the requirements of ASTM D 4586, Type I

Features and Components

Use: As a substitute for asphalt and MBR[®] Flashing Cement in JM modified bitumen flashing details, and can be used to adhere the JM modified bitumen flashing systems and built-up roofing felts to vertical surfaces, as a general purpose mastic on most built up roofing and modified bitumen flashing details, or to strip in the laps of modified bitumen base flashings.

Type: One-part, asphalt-based, trowel-grade mastic.

Color: Black

Features: Cold process – does not have to be heated.
Cures to form a durable, elastomeric and watertight film.
Ready for use as shipped.



Component

CE
Cement

Type

FL
Flashing
Multi-Ply

System Compatibility *This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.*

Multi-Ply	BUR		APP		SBS			
	HA	CA	HW*	HA	CA	HW*	SA	MF
<i>Used to adhere Flashings in all Multi-Ply systems</i>								

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Do not use in Single Ply systems</i>										

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

* Compatible with all modified bitumen and built-up roofing membrane sheets that do not incorporate a polyolefin burn-off film.

Energy and the Environment

Maximum VOC	<250 g/l
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Physical Properties

Property	ASTM Test Method	MBR Utility Cement
Weight	Solids Content	82%
	Weight	9.5 lb/gal (1.14 kg/l)
Installation	Viscosity @ 77°F (25°C), (Brookfield RV, Spindle No. 7)	
	Summer Grade	100,000 - 250,000 cps
	Winter Grade	50,000 - 100,000 cps

Installation/Application



Notched Squeegee



Notched Trowel

- Apply between 40° and 100° F (4° and 38° C). Winter grade is recommended for temperatures below 60°F. Do Not Thin. When the temperature is below 50°F (10°C), the adhesive must be stored in a warm area, approximately 70°F (21°C)
- Available in either a winter or summer grade. Both formulas contain the same basic ingredients, but the consistency, or viscosity, is adjusted to accommodate the ambient weather conditions in which the adhesive will be applied
- Please refer to detailed installation instructions on next page

Packaging and Coverage

Container Sizes	5 gal (18.9 l) pail
Shipping Weight (approx.)	50 lb (22.7 kg)
Coverage Rate*	8 gal per square at 1/8" thick

* Coverage, open and dry time rates can vary dramatically depending on the particular substrate and environmental conditions. Coverage rates stated herein are approximate only. If FM Global[®] or UL[®] approval is required, consult specific RoofNavSM or the UL Certifications Directory for specific application rates.

Storage

Shelf Life	12 months from manufacture date
Storage Conditions	Clean, dry, indoor environment in an unopened container
Temperature Range	60°F to 80°F (16°C to 27°C) - Protect from freezing

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.

Installation/Application Instructions

Apply between 40° and 100° F (4° and 38° C). Do Not Thin. When the temperature is below 50°F (10°C), the adhesive must be stored in a warm area, approximately 70°F (21°C).

Completely unroll the modified bitumen sheets and allow them to relax at least 15 minutes prior to installation; turning light-colored sheets upside down (dark side up) helps accelerate the process.

For best results, make certain the surface to which the cement will be applied is clean, dry and free of loose material. All masonry surfaces which are to receive MBR Utility Cement must be primed with JM Concrete Primer. The primer must be allowed to dry thoroughly before application of the cement.

Use a notched masonry trowel to spread the MBR Utility Cement evenly, about 1/8" (3 mm) thick, working down firmly to ensure good adhesion. The modified bitumen flashing product is embedded into the cement and brushed or rubbed in to make contact and to ensure adhesion.

Precautions

MBR Utility Cement is a combustible material and should be shipped and stored away from open flames, heat or sources of ignition. Keep all pails tightly sealed while in storage. It should be used only in well ventilated areas. It may cause eye, skin and respiratory irritation, and is harmful or fatal if swallowed. Avoid contact with skin: use impervious clothing and rubber gloves to avoid prolonged or repeated contact with skin. Read container label and follow all safety and disposal instructions.

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.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit www.jm.com/terms-conditions.