

Features and Components

- Use:** JM Coating Universal Base is a high-performance, water-borne epoxy formulated for use with JM Coatings. This product is used as a base coat to create a smooth, fully-adhered substrate and helps to prevent bleed through over asphalt substrates. Use of JM Coating Universal Base improves long-term performance and durability
- Type:** One-part acrylic elastomeric base coating.
- Color:** Blue
- Features:** Can be used within 48 hours of roof membrane installation. Prevents asphalt bleed through.



Component

L Liquid
CO Coating

Type

BC Base Coat
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	CA	HW	HA	CA	HW	SA
Compatible with all Multi-Ply systems *APP cap sheet only								

Single Ply	TPO				PVC			EPDM		
	MF	FA	SA	IW	MF	FA	IW	MF	FA	BA
Do not use with Single Ply systems										

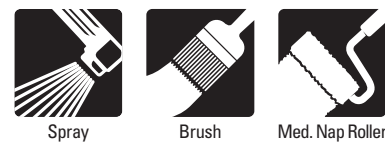
Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Physical Properties

Property		JM Coating Universal Base
Weight	Solids by Weight	57%
	Weight	10.95 lbs/gal (1.31 kg/l)
	Viscosity	110 - 130 ku @ 77°F (25°C)
Strength	Tensile Strength (ASTM D2370)	275 psi
	Elongation (ASTM D2370)	275%
Environmental	VOC	63 g/l
Installation	Skin Time*	8 hours
	Cure time	24-72 hours

* 50% relative humidity, 70°F

Installation/Application



- Apply when temperature is 55°F (13°C) and rising.
- Please refer to detailed installation instructions on next page.

Packaging and Coverage

Container Sizes	5 gal (18.9 l) drums
Shipping Weight (approx.)	53.5 lbs (24.3 kg)
Coverage Rate*	
Without Scrim:	2 gal/sq
With Scrim:	4 gal/sq

* 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 (unopened pail)
Storage Conditions	Clean, dry, indoor environment in an unopened or tightly sealed container
Temperature Range	55°F – 85°F (12°C – 29°C) - Protect from freezing

Installation/Application Instructions

Preparation:

- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that may interfere with proper adhesion.
- A peel adhesion test (test patches) is required per JM Technical on all membrane substrates prior to application of coating, primer, or flashing material.
- Prior to application, repair all cracks, splits or damaged areas using a 3-course application of JM Coating Silicone Flashing after JM Universal Base is installed or JM Coating Acrylic Flashing and JM Coating Reinforcing Fabric. JM Repair Tape may be substituted for repairs as appropriate.
- Allow repairs to cure 48 - 72 hours (depending on weather and drying conditions) before application of JM Coating.

Application:

- Apply with exterior paint roller, brush or professional airless sprayer.
- Do not thin.
- Spray Info: 2000 - 3000 PSI, .030 - .041 Tip Size, 1 - 3 GPM.
- Close container after each use.

Cold Weather & Curing Conditions:

- Apply in the morning hours to allow maximum cure time. Apply at temperatures above 55° F (12° C) and rising, but not above 110° F (43° C) ambient.
- Apply only when weather conditions will permit drying before rain, dew or freezing temperatures. Do NOT apply if rain or freezing temperatures are predicted within 24 hours.
- Allow to cure a minimum of four hours before applying additional coats of JM Universal Base (if required). Product fully cures in 48 hours when used as a base coat at 70° F & 50% max relative humidity.
- When using reinforcing fabric, full cure is 48-72 hours at 70° F & 50% max relative humidity.
- Cool temperatures and high humidity retard cure.

NOTE: Excessive heat can cause flash drying of coating.
Not recommended to apply to surfaces 140 °F or greater.

Precautions

Avoid prolonged contact with skin • Avoid contact with eyes • Do not take internally • Keep container closed when not in use • Keep out of reach of children.