

Meets the requirements of ASTM D 6083

## Features and Components

**Use:** JM Coating Acrylic CR is a premium elastomeric coating designed for use as a reflective top coat either over built-up, modified bitumen, or mechanically attached or adhered aged TPO or PVC membranes.

**Type:** One-part acrylic elastomeric roof coating.

**Color:** White

**Features:** 100% acrylic durability.  
Maximized energy savings.  
Prolonged roof life.  
Reduced life cycle costs.



Component

<b>L</b>
Liquid
<b>CO</b>
Coating

Type

<b>M</b>
Membrane
Multi-Ply Single 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	AD	SA	IW	MF	AD	IW	MF	AD	BA
TPO & PVC requires JM Coating Single Ply Primer (Not Compatible with JM PVC SD Plus)										

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

## Energy and the Environment

Color	Solar Reflectance		Thermal Emittance		SRI	
	Initial	3 Year	Initial	3 Year	Initial	3 Year
White	0.90	0.77	0.87	0.91	114	96

## Physical Properties

Property*	JM Coating Acrylic CR	
<b>Weight</b>	Solids by Volume	54% +/- 5%
	Solids by Weight	66% +/- 5%
	Weight	12.0 lb/gal (1.4 kg/l)
	Viscosity (ASTM D2697)	115 - 125 ku 77°F (25°C)
<b>Strength</b>	Tensile Strength	365 psi (2.5 MPa)
	Elongation - initial/weathered	463%/131%
	Permeance (perms)	<5

\*Tested in accordance to ASTM D 6083

CAN BE USED TO COMPLY WITH 2016 TITLE 24 PART 6 COOL ROOF REQUIREMENTS

## Codes and Approvals



## Installation/Application



- Apply when temperature is 55°F (12.8°C) and rising.
- JM Coating Acrylic CR must be used in conjunction with JM Universal Base with modified systems.
- JM Coating Single Ply Primer is required with TPO and PVC (KEE) systems as a base coat prior to the application of the JM Coating Acrylic CR.
- Please refer to detailed installation instructions on next page.

## Packaging and Coverage

Container Sizes	5 gal (18.9 l) pail	
Shipping Weight (approx.)	63 lb (28.6 kg)	
Coverage Rate*	5 Year	10 Year
over BUR/SBS/APP Cap	1.50 gal/sq. Universal Base 1 coat @ 1.5 gal/sq. Acrylic CR	4.0 gal/sq. Universal Base Fabric 2 coats @ 1.5 gal/sq. Acrylic CR
over PVC (KEE) and TPO	0.25 gal/sq. Primer 2 coats @ 1.5 gal/sq. Acrylic CR Spot repair and flashings	0.25 gal/sq. Primer 2 coats @ 2.0 gal/sq. Acrylic CR Repair Tape all seams and flashings

\*Reference JM Coating application guide for full system coverage requirements. If FM Global® or UL® approval is required, consult specific RoofNav<sup>SM</sup> 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

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](http://www.jm.com/roofing).

## Installation/Application Instructions

### Preparation:

- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would 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 any application, repair all cracks, splits or damaged areas using a 3 course application of JM Acrylic Flashing and JM Coating Reinforcing Fabric. JM Repair Tape may be substituted for repairs as appropriate. Allow 24-36 hours to cure before roof coating.

### Application:

- Can be installed after 48 hours of roof membrane installation when used with JM Coating Universal Base, except when used over modified bitumen roofs that were installed using MBR Cold Application Adhesive.
- JM Coating Universal Base should not be installed over a cold applied modified systems roof until the adhesive is fully cured.
- JM Single Ply Primer is required prior to the application of JM Coating Acrylic CR.
- Single Ply membranes needs to age for one year prior to application.
- May be applied by spray or roller. Do not thin.
- Apply one (1) or two (2) uniform coats (depending on requirements) over the JM Coating Universal Base, avoiding excessive rolling.
- Close container after each use.
- Clean-up: All equipment can be cleaned with water and soap.
- Spray Info: 2000 - 3000 PSI, .030 - .041 Tip Size, 1 - 3 GPM.

**NOTE: DO NOT INSTALL IN AREAS OF POOR DRAINAGE OR PONDING WATER**

\*Acrylic coatings cannot be installed over existing silicone based coatings.

### Cold Weather & Curing Conditions:

- Application should be completed when air, surface and material temperatures are 55°F (12° C) or higher (for 24 hours) but not above 110°F (43° C).
- 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.
- Cool temperatures and high humidity retard cure.
- Dries for recoat in 4 hours\*
- Fully cures in 24-36 hours\*

\*70 ° F & 50% relative humidity

## 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.*