

Exceeds the requirements of ASTM D 6083

Features and Components

Use: JM Coating Acrylic is 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.

Colors: White

Features: 100% acrylic durability.
Energy savings.
Prolonged roof life.
Reduced life cycle costs.



Component

| |
|-----------|
| L |
| Liquid |
| CO |
| Coating |

Type

| |
|-------------------------|
| M |
| 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 (JM SD Plus not compatible) | | | | | | | | | | |

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 | 0.87 | 0.74 | 0.89 | 0.90 | 110 | 92 |

Physical Properties

| Property* | | JM Coating Acrylic |
|-----------|--------------------------------|----------------------------|
| Weight | Solids by Volume | 51% ± 3% |
| | Solids by Weight | 65% ± 3% |
| | Weight | 12 lb/gal (1.4 kg/l) |
| | Viscosity | 110 - 130 ku @ 77°F (25°C) |
| Strength | Tensile Strength | >250 psi (1.7 MPa) |
| | Elongation - initial/weathered | >300%/125% |
| | Permeance (perms) | <15 |

*Tested in accordance to ASTM D 6083

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

Codes and Approvals



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



- Apply when temperature is 55°F (12°C) and rising.
- JM Coating Acrylic must be used in conjunction with JM Universal Base with modified systems.
- JM Coating Single Ply Primer is used with TPO and PVC (KEE) systems as a base coat prior to the application of the JM Coating Acrylic.
- Please refer to detailed installation instructions on next page.

Packaging and Coverage

| Container Sizes | 5 gal (18.9 l) pail | 55 gal (208 l) drum | 275 gal (1,041 l) tote |
|---------------------------|---|---------------------|---|
| Shipping Weight (approx.) | 63 lb (28.6 kg) | 704 lb (319 kg) | 3,400 lbs (1,542 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 | | 4.0 gal/sq. Universal Base Fabric 2 coats @ 1.5 gal/sq. Acrylic |
| over PVC (KEE) and TPO | 0.25 gal/sq. Primer 2 coats @ 1.5 gal/sq. Acrylic Spot repair and flashings | | 0.25 gal/sq. Primer 2 coats @ 2.0 gal/sq. Acrylic 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 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 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 Reinforcing Fabric. JM Repair Tape with JM Coating Acrylic Flashing 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.
- JM Coating Single Ply Primer is required prior to the application of JM Coating Acrylic.
- 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.
- Clean-up: All equipment can be cleaned with water and soap.
- Spray Info: 2000 - 3000 PSI, .030 - .041 Tip Size, 1 - 3 GPM.
- Close container after each use.

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

*Acrylic coatings should not be applied over silicone 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.