

EVERROOF® PRIMER M80

Epoxy-Polyamine Cool Roof Primer

TECHNICAL DATA SHEET

EVERROOF PRIMER M80 is a two-component, liquid-applied, epoxy-polyamine primer with unique penetrating characteristics.

FEATURES AND BENEFITS

- Low Viscosity
- Quick Cure / Re-Coat Time
- Substrate Penetrating

TYPICAL USES

- Metal
- Polyurethane Elastomeric Surfaces
- Wood

COLOR

Side-A: Black
Side-B: White

COVERAGE

Primer M80 has a coverage rate of 1 gallon per 300 square feet.

PACKAGING

2-Quart Kit: One 1 quart can of Side-A and One 1 quart can of Side-B.

2-Gallon Kit: One 1 gallon can of Side-A and One 1 gallon can of Side-B.

10-Gallon Kit: One 5 gallon pail of Side-A and One 5 gallon pail of Side-B.

STORAGE AND STABILITY

Keep containers closed, store in a dry, cool place away from heat, sparks, open flame, and moisture. EVERROOF PRIMER M80 has a maximum shelf life of one year when stored at temperatures between 50°F and 75°F (10°C to 24°C). Caution should be exercised to prevent material from freezing.

MIXING

The volume mixing ratio is 1 part Side-A Black liquid to 1 part Side-B White liquid. Do not mix in an up and down motion.

Primer M80 Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material.

Primer M80 must always be mixed with one part Side-A and one part Side-B (Side-A: Side-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

TECHNICAL DATA

| Property | Test Method | Value |
|---|---------------|------------------------------|
| Pot Life @ 75°F(24°C), 50% R.H. | | 60 - 90 minutes |
| Specific Gravity (g/cc) | | Side-A: 1.27 Side-B: 1.85 |
| Total Solids by Weight (%) | ASTM D2369 | 90 ± 2 |
| Total Solids by Volume (%) | ASTM D2697 | 84 ± 2 |
| Viscosity at 75°F (24°C) (cps) | | 1,200 ± 200 |
| Volatile Organic Compound, (gms/liters) | ASTM D2369-81 | 100 |

APPLICATION INSTRUCTIONS

Primer M80 should be applied at the rate of 1 gallon (mixture of Side-A & Side-B) /300 sqft or 300 sqft/gallon. Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic resin core roller.

Allow Primer M80 to become tack free before applying the coating. Approximate tack free time is 3-5 hours at 75°F (24°C) and 50% relative humidity. Recommended coating application window is 24-48 hours before needing to re-prime.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

EVERROOF PRIMER M80 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time.

MAINTENANCE

Periodic maintenance of EVERROOF® Roofing Systems ensures extended performance and reduces life cycle costs.

TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analysis, and other roof management services are also available from an EVERROOF®



Technical Consultant.

PROTECTIVE EQUIPMENT

Since Primer M80 is atomized into a very fine particle distribution during spray application, it is essential that maximum effort is made to protect the spray mechanic and others near the workplace from undue exposure.

The best form of protection against organic solvents is the use of Type C organic vapor cartridge respirators. To prevent excessive skin contact with the sprayed product, we recommend use of fabric coveralls and neoprene or other resistant gloves. Wear safety glasses or OSHA-approved protective goggles.

PROTECTION OF THE WORKPLACE

Overspray from EVERROOF PRIMER M80 can carry considerable distances and attention should be given to the following:

1. Post warning signs a minimum of 100 feet from the work area.
2. Cover all intake vents near the work area.
3. Minimize or exclude all personnel not directly involved with the spray application.
4. No welding, smoking or open flames.
5. Have CO₂ or other dry chemical fire extinguisher available at the job-site.
6. Provide adequate ventilation.

HEALTH AND SAFETY

EVERROOF® is committed to the health and safety of our customers. EVERROOF® products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come in contact with these products should read and understand the SDS.

VAPOR INHALATION

Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or

even asphyxiation. Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT

Skin contact with liquid components can result in a rash or other irritation. Wash the affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washings with soap and water. If a rash or other irritation develops, see a physician.

EYE CONTACT

Eye Contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

LIMITED WARRANTY. We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. No warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

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