

EVERROOF® PRIMER M100

Two Component Epoxy-Water Based Cool Roof Primer

TECHNICAL DATA SHEET

EVERROOF® Primer M100 is a two component, liquid applied, water-based epoxy primer with unique penetrating characteristics and rust inhibiting properties.

FEATURES & BENEFITS

- Substrate Penetrating
- Rust Inhibitor
- Low Viscosity
- Quick Cure / Re-coat Time

TYPICAL USES

- Wood
- Masonry
- Metal
- Polymers
- Polyurethane Elastomeric Surfaces

DIRECTIONS FOR USE

MIXING: EVERROOF® Primer M100 should not be diluted under any circumstance. The volume mixing ratio: 4 units Side-A yellow liquid to 1-unit Side-B off white liquid. EVERROOF® Primer M100 Side-A and Side-B should be thoroughly mixed prior to combining to ensure a homogeneous material. The combined components should be thoroughly blended using a mechanical mixer at slow speed for < 3 minutes or for at least 5 minutes if mixed by hand.

APPLICATION: Remove all contaminants, oil and grease from substrate. EVERROOF® Primer M100 should be applied at the rate of 1 gal/200-300 sq. ft. (mixture of Side-A

& Side-B) (3.78ℓ/ 18.58 - 27.87 m²) depending on substrate. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow EVERROOF® Primer M100 to become tack free before applying the coating. Recommended surface temperature should be greater than 50°F (10°C). EVERROOF® Primer M100 is sensitive to heat and moisture. Higher temperatures will significantly accelerate the cure time and decrease pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity will extend the cure time.

LIMITATIONS

This information is meant to be used as a general guideline only. Consult the project specification and your EVERROOF® Representative for specific installation procedures.

EVERROOF® Primer M100 is not UV stable and cannot withstand direct wear or abrasion.

TECHNICAL DATA

Packaging:	1 gal kit (3.79ℓ) Side-A: 0.80 Side-B: 0.20 5 gal kit (18.93ℓ) Side-A: 0.80 Side-B: 0.20
Mix Ratio	Side-A: Side-B 4:1
Coverage Rate	1 gal / 200 - 300 sq ft (3.79ℓ/ 18.58-27.87 m ²)
Color	Side-A: Yellow Side-B: Off White
Shelf Life @ 60°F-95°F (18°C-35°C)	12 months (unopened container)
Wet Film Thickness 1.5 gal/100 sq.ft.	3 ± 1 mils (76.2 µm ± 25.4 µm)
Pot Life @ 75°F (24°C), 50% R.H.	30 - 45 minutes
Specific Gravity	Side-A: 1.13, Side-B: 1.07.
Total Solids by Weight, ASTM D-2697:	45 ± 2%
Total Solids by Volume, ASTM D-2697	39 ± 2%
Viscosity @ 77°F (25°C)	1500 ± 300 cps
VOC's ASTM D-2369-81	43 g/ℓ (.36 lbs/gal)

EVERROOF® Primer M100 is difficult to clean up after it has cured.

STORAGE & HANDLING

Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C). Open containers should be blanketed with dry nitrogen before resealing. Shelf life: 12 months.

SAFETY

Review the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.



Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local EVERROOF® representative or visit our website for current technical data and instructions. DISCLAIMER: All guidelines, recommendations, statements and technical data contained herein are based on information and tests that EVERROOF® believes to be reliable and correct., but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and/or situation and user assumes all risk and liability resulting from his use of the product(s). EVERROOF® does not suggest or guarantee that any hazards listed herein are the only ones that may exist. EVERROOF® shall not be liable to the user or any third party for any injury, loss, damage, or costs directly or indirectly resulting from use of, or inability to use, the product(s). Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon EVERROOF®, unless in writing and signed by an authorized corporate officer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and EVERROOF® makes no claim that these tests or any other tests, accurately represent all environments. Not responsible for typographical errors. REV20191008EA