

# EVERROOF® PRIMER WB

## Three Component Water-Borne Epoxy Cool Roof Primer

### DESCRIPTION

**EVERROOF PRIMER WB** is a three-component (resin, hardener and water), fast drying, 36% solids, waterborne epoxy primer with low VOC and low odor.

### FEATURES & BENEFITS

- Low VOC
- Fast Dry Time
- Moisture Tolerant
- Low Odor

### TYPICAL USES

- Asphalt
- Concrete
- Previously Coated Surfaces
- Wood
- Modified Bitumen
- Single Ply

### TECHNICAL DATA

#### PACKAGING

5 gal. Kit Includes the Following:	(18.93L Kit)
0.8 gal. of Resin (Part-A)	(3.03L of Part-A)
1.0 gal. of Hardener (Part-B)	(3.79L of Part-B)
3.2 gal. of Potable Water (Water is Not Included)	(12.11L of Potable Water)

Coverage Rate	1 gal / 300 sq. ft. (3.79L / 27.87 m <sup>2</sup> )
Color	Grey
Shelf Life	6 mos. (unopened container)
Flash Point	>200°F (93.3°C)
Recoat Time @ 77°F (25°C)	8 - 48 hours
Cure Time @ 77°F (25°C)	3 - 4 hours
Pot Life @ 80°F, 50% R.H.	Approx. 1 hour @ 77°F (25°C)
Specific Gravity / Part-A, Part-B	1.09 / 1.08
Total Solids by Weight, ASTM D-2369	30±2%
Total Solids by Volume, ASTM D-2697	28±2%
Viscosity at 75°F (24°C)	
Part - A	500±100 cps
Part - B	600±200 cps
Volatile Organic Compound, ASTM D-2369-81	0.2 g/L (0.002 lbs./gal.)

### DIRECTIONS FOR USE

**MIXING:** Remember that **EVERROOF PRIMER WB** has a limited pot life (1 hour). **EVERROOF PRIMER WB** Resin (part-A) is white in color and **EVERROOF PRIMER WB** Hardener (part-B) is black in color.

- Pre-mix part A and pre-mix B components separately for up to 2 minutes each.
- Add 1 gallon of Resin (part-A) to 0.8 gallons (3.03L) of Hardener (part B).

- Mix thoroughly with a Jiffy Blade for 3 minutes until the color becomes uniform.
- Slowly add 3.2 gallons (12.11L) of potable water to the mixture while under agitation until the pre-marked 5 gallon (18.93L) line on the pail is reached.
- Mix for an additional 2 minutes until the contents are fully dispersed. The fully mixed material will appear as a dark gray black.

**APPLICATION:** Ideally, **EVERROOF PRIMER WB** should be spray mist evenly onto a properly prepared substrate. Due to its low viscosity **EVERROOF PRIMER WB** may also be applied by first pouring a bead of material on the surface to be coated, and then spreading the material using a flat squeegee. Allow for sufficient wetting of the surface and ensure that the recommended coverage rate of 1 gal./300 sq. ft. (3.79L / 27.87m<sup>2</sup>) is achieved. Backroll the covered area, utilizing a 1/4" (6.35mm) nap roller, to eliminate puddles on the surface. Minimize the overlap from batch to batch applications while achieving complete coverage.

**EVERROOF PRIMER WB** has a maximum recoat window 8 to 48 hours. If the maximum recoat window is missed (48 hours), re-grind the surface with 80 grit, followed by a thorough sweeping and vacuuming of the area.

The following information is meant to be used as a general guideline only. Consult the project specification and your EVERROOF representative for specific installation procedures.

- **IMPORTANT:** **EVERROOF PRIMER WB** must be protected from freezing. If **EVERROOF PRIMER WB** is frozen, DO NOT USE.
- Minimum/Maximum substrate temperature: 60°F/85°F (15.5°C/30°C).
- Minimum/Maximum relative humidity: 10%/85%.
- Substrate temperature must be at least 5°F (3°C) above measured dew point.
- Conduct quantitative anhydrous calcium chloride testing in accordance with ASTM-F1869. Maximum acceptable test result is 8 pounds per 1,000 ft<sup>2</sup> per 24 hours.
- Freshly applied **EVERROOF PRIMER WB** should be protected from dampness, condensation and water for at least 24 hrs.
- Do not add any type of thinner to **EVERROOF PRIMER WB**. Addition of thinners will slow the cure and reduce the ultimate properties of **EVERROOF PRIMER WB**.
- **EVERROOF PRIMER WB** will discolor over time when exposed to sunlight (UV) and under certain artificial lighting conditions. It should be coated with a UV resistant, light stable topcoat within 48 hours of application.



## CAUTION

### **EVERROOF PRIMER WB Resin (part A)**

**WARNING - IRRITANT, SENSITIZER:** Contains epoxy resins. Eye irritant. May cause skin/respiratory irritation. Prolonged and/or repeated contact with skin may cause allergic reaction/sensitization. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal. Harmful if swallowed. Strictly follow all use, handling and storage instructions.

### **EVERROOF PRIMER WB Hardener (part B)**

**WARNING: CORROSIVE, SENSITIZER, IRRITANT.** Contains amines (mixture). Contact with skin and eyes causes severe burns. Respiratory irritant. May cause eye/skin irritation. Possible skin sensitization/allergic reaction with prolonged or repeated exposure. Harmful if swallowed. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal.

## **STORAGE & HANDLING**

Keep containers closed, 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.

Review the Material Safety Data Sheet (MSDS) 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 material safety data sheets (MSDS) 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 we believe 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 job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. 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.