

POLYBRITE® 84

RUST INHIBITIVE PRIMER

PRODUCT DESCRIPTION

PolyBrite 84 is a rust inhibitive primer manufactured with a light grey color to easily determine coverage. PolyBrite 84 is designed to inhibit oxidation which results in rust degradation and to prevent bleed-through when using elastomeric coatings.

USES

- Designed to prevent further exposure to environmental conditions that cause oxidation of the metal roof, commonly known as rust
- Recommended for use on various metal components to inhibit oxidation or “rusting”
- Promotes adhesion of elastomeric coating applied to metal surface. Contact Polyglass Technical Services for clarification of unusual surfaces or project conditions

FEATURES AND BENEFITS

- Suitable as a spot rust primer or for application to widespread areas of the roof
- Enhanced with a light grey color to ensure areas of application receive proper coverage
- Water-Based formula is non-flammable, compliant with VOC requirements and easily cleans up with water prior to curing

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Viscosity (DUF)	5,000 – 20,000	Brookfield® 4d/5 RPM/77°F
Weight/gal (lb)	10 ± 0.5	ASTM D1475
Solids Weight (%)	48 ± 3	ASTM D1644
Solids Volume (%)	42 ± 3	ASTM D2697
VOC (gm/l)	< 50	Calculated
pH (rating)	> 9.2	Std method
Flash Point (°F)	> 212	PMCC

APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products.
- Metal surfaces that display light rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants.
- Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of performance of newly installed products. Repair any visible deficiencies such as splitting, blistering, and buckling.
- Visually inspect all metal and non-metal flashings, edges, drains, valleys and through-roof penetrations and repair as needed by project conditions.
- Do not apply to wet or damp surfaces, or surfaces previously covered with coal tar based products or Kynar® finishes.

Application:

- Stir well prior to application.
- PolyBrite 84 may be applied by high pressure spray, roller or brush application methods.
- Apply PolyBrite 84 at 6–8 wet mils (1 gallon per 200–300 square feet).
- Apply only when temperatures are between 50°F and 120°F. Cold weather could result in uneven application and improper curing of product.
- Do not thin product. Do not heat outside of container.
- Do not apply if there is a threat of inclement weather within 24 hours of application.
- Can be top coated after 12 hours.



APPLICABLE STANDARDS

- Florida Building Code
- Miami-Dade County Product Control Approved



PACKAGING

- 4.75 Gallon (17.9 Liters) Pail
- 50 Gallon (189 Liters) Drum

COLORS

Light Grey



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Spray Equipment:

PolyBrite 84 can be applied by conventional airless spray equipment designed for the purpose of field application of fluids, paints and coatings. The following minimums are recommended:

Pump: 1.6 gal/min output; 2,500 psi

Gun/Tip: Airless hand gun. Reversible tip with orifice sizes ranging from 0.19–0.25 and a fan angle of 40° or 50°.

Hose: Minimum inside diameter of high pressure nylon hose of 3/8" to 100'; for any hose over 200' the inside diameter should be 1/2". Refer to equipment manufacturer product guidelines.

Storage and Cleaning:

- Shelf life is 18 months if stored in original unopened containers.
- All containers should be sealed when not in use.
- Keep from freezing.
- Store between 40°F and 100°F.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Clean equipment and overspray with water.
- Clean hands with waterless hand cleaner.
- Application tools and equipment can be cleaned with lukewarm water and soap, followed by a rinse of isopropanol, acetone, or Simple Green®. Recirculate through lines and gun until residual coating is removed.
- DO NOT USE MINERAL SPIRITS, XYLENE, TOLUENE, OR VMP & NAPHTHA SOLVENTS.

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

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Technical Service: (866) 802-8017

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us