

POLYBRITE® 74

RUST INHIBITOR

PRODUCT DESCRIPTION

PolyBrite 74 is a water-based industrial rust inhibitive coating manufactured with a light blue color to easily determine coverage. PolyBrite 74 is designed to inhibit further oxidation resulting in rust degradation and to prevent bleed-through when using elastomeric coatings.

USES

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

FEATURES AND BENEFITS

- Enhanced with a light blue color to ensure areas of application receive proper coverage.
- Water-Based formula is non-flammable during application, compliant with VOC requirements and easily cleans up with water prior to curing.

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Solids Volume (%)	50 ± 2	ASTM D2697
Solids Weight (%)	58 ± 2	ASTM D1644
Viscosity (cP)	35,000 – 48,000	ASTM D2196
Flash Point (°F)	> 212	PMCC
VOC (gm/L)	< 50	Calculated
Elongation (%)	400 ± 50	ASTM D2370
Tensile Strength (psi)	200 ± 25	ASTM D2370
Accelerated Weathering @ 1000 hr (pass/fail)	pass	ASTM D4798
Fungi Resistance (pass/fail)	pass	ASTM G21
pH (rating)	> 9.2	Std method
Weight/gal (lb)	10.5 ± 0.5	ASTM D1475



APPLICABLE STANDARDS

- Florida Building Code



PACKAGING

- 4.75 Gallon (17.9 Liters) Pail
- 50 Gallon (189 Liters) Drum
- 275 Gallon (1039.5 Liters) Tote

COLORS

Light Blue



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APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces to receive coating 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 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 visibly damp surfaces, or surfaces previously covered with coal tar based products or Kynar® finishes.

Application:

- Stir well prior to application.
- PolyBrite 74 may be applied by high pressure spray, roller or brush application methods.
- Apply PolyBrite 74 at 16 wet mils (1 gallon per 100 square feet) per coat minimum.
- 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 apply if there is a threat of inclement weather within 3 hours of application.
- Do not thin product. Do not heat outside of container.

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

Polyglass U.S.A., Inc.
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Customer Service: (800) 222-9782

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



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