

POLYBRITE® 76

PREMIUM ELASTOMERIC BASE COAT

PRODUCT DESCRIPTION

PolyBrite 76 Base Coat is a premium, specially formulated water-based elastomeric base coat specifically designed to serve as a stain-blocking coating and offers enhanced resistance to areas subject to standing water conditions. PolyBrite 76 cures to form a seamless membrane when applied over the entire roof area.

USES

- Protect and weatherproof a variety of roof surfaces.
- Suitable for use on various conventional BUR and polymer-modified roof membranes with smooth and mineral surfacing and most metal roof systems.
- Suitable as a stain blocking coating prior to the application of white surface coatings.
- Suitable for use on concrete and other masonry surfaces.

FEATURES AND BENEFITS

- Flexibility and Durability. Provides a seamless dry film that remains flexible and offers superior durability. Though not designed as a surface coating, performance properties are virtually unaffected by exposure to ultraviolet sunlight.
- Contractor Friendly.
- Performance Oriented. Specially designed with a low permeability to offer enhanced resistance to staining of underlying materials and peel resistance when subject to standing water conditions. Resists blistering, peeling and cracking normally associated with elastomeric coating.
- Low VOC, non-flammable during application, presenting minimal hazards to the applicator and the environment.
- Fungal and algal resistant, even in high humidity environments.

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Accelerated Weathering @ 1000 hr (pass/fail)	pass	ASTM D4798
Flash Point (°F)	>212	PMCC
Fungi Resistance (pass/fail)	pass	ASTM G21
Elongation (%)	300 +/-25	ASTM D2370
Tensile Strength (psi)	200 +/-50	ASTM D2370
Flexibility @ 15°F mandrel (pass/fail)	pass	ASTM D522B
Viscosity (cP)	25,000 – 40,000	Brookfield® 4d/5 RPM/77°F
Weight/gal (lb)	12 +/- .5	ASTM D2939
Solids Weight (%)	>64 +/-2	ASTM D1644
Solids Volume (%)	>50	ASTM D2697
VOC (gm/L)	<50	Std method
pH (rating)	>9.2	Std method



APPLICABLE STANDARDS

- Factory Mutual Approved
- Miami Dade County Approved
- Florida Building Code Approval



PACKAGING

- 4.75 Gallon (18.0 Liters) Pail

POLYGLASS U.S.A., INC. MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
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Questions? pgmarketing@polyglass.com



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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.
- Concrete surfaces cured with wax/resin based compounds can inhibit adhesion.

Application:

- Stir well prior to application.
- PolyBrite 76 may be applied by high pressure spray, roller or brush application methods.
- Apply PolyBrite 76 at 24 wet mils (1.5 gallon per 100 square feet) per coat.
- Apply only when ambient temperatures are 50° F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if there is a threat of inclement weather within 24 hours of application.
- Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120°F.

Storage and Cleaning:

- Product shelf life: Typically 18 months from date of manufacture when properly stored.
- Do not store at temperatures greater than 120°F.
- Store 24 hours at room temperature prior to application.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Do not allow product to freeze. Discard if any degree of freezing would occur.
- Keep containers covered when not in use.
- Clean equipment and overspray with water.
- Clean hands with waterless hand cleaner.

WARNING

Personal Protection - Irritation may result from prolonged or repeated contact with skin. Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

Eye Contact - Rinse immediately with clean water for 15 minutes and seek medical advice.

Waste Disposal - Empty containers must be disposed of in accordance with local, state and federal regulations.

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

Refer to safety data sheet (SDS) for specific data and handling of our products.

All data furnished refers to standard production using manufacturing 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

