

POLYBRITE® 98

ONE-PART ACRYLIC PRIMER/BLEED BLOCKER FOR SILICONE COATINGS

PRODUCT DESCRIPTION

PolyBrite 98 is a water-based, one-part primer/bleed blocker that enhances the adhesion of Polyglass silicone roof coatings to a variety of porous and non-porous substrates.

USES

- Enhances the adhesion of PolyBrite 90 and PolyBrite 95 silicone roof coating to galvanized steel, aluminum, granulated modified bitumen membranes, wood and masonry.
- Excellent Alkali resistance.
- Contact Polyglass Technical Services for clarification of unusual surfaces or project conditions.

FEATURES AND BENEFITS

- Versatile primer/bleed blocker for a wide variety of substrate conditions.
- Cures to form a tack-free coating.
- Low VOC.
- Non-flammable.
- Rain resistant after 3 hours.

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Viscosity (cP)	11,000	Brookfield® 4d/5 RPM/77°F
Weight / gal (lb)	9.3	ASTM D2939
Solids Weight (%)	48	ASTM D1644
Solids Volume (%)	44	ASTM D2697
VOC (gm/L)	< 10	Calculated

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 or performance of newly installed products. Repair any visible deficiencies such as splitting blistering and buckling with PolyBrite 72 or PolyBrite 73 Elastomeric Mastic and PolyBrite Polyester Fabric.
- 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, surfaces previously covered with coal tar based products or Kynar® finishes.
- Concrete surfaces cured with wax/resin based compounds can inhibit adhesion.



APPLICABLE STANDARDS

- Miami-Dade County Product Control Approved



PACKAGING

- 5 Gallon (18.9 Liters) Pail
- 55 Gallon (208.1 Liters) Drum

COLORS

Mint Green



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Application:

- Mix well prior to application.
- Application rates vary:

Galvanized Steel	½ gallon per square
Aluminum	½ gallon per square
Bituminous, granulated membranes	¾ – 1 gallon per square
Wood	½ – ¾ gallon per square
Concrete / Masonry	½ – ¾ gallon per square

- PolyBrite 98 may be applied by high pressure spray equipment. Back rolling the primer/bleed blocker is required when product is sprayed. Smaller work areas can be accomplished with medium nap roller or a brush.
- Product which is applied heavier than recommended will affect performance detrimentally.
- To improve adhesion, allow to dry for 12 hours. Drying times will vary depending on application rate, porosity of surface, temperature and humidity. Maximum wait time for initial application is 72 hours. Do not apply if there is a threat of inclement weather or contaminants that would affect adhesion of subsequent products. If product is rained on after the allowable 3 hours, let dry prior to applying silicone.
- Minimum application temperature is 45°F as long as this is 5°F above the dew point. Maximum application temperature is 120°F.

Spray Equipment:

PolyBrite 98 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 ¾" to 100'; for any hose over 200' the inside diameter should be ½".

Refer to equipment manufacturer product guidelines.

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 over spray with water.
- Clean hands with waterless hand cleaner.

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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General Line: (888) 410-1375

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Customer Service: (800) 222-9782

Technical Service: (866) 794-9659

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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