

POLYBRITE® 39

ELASTOMERIC FLASHING COMPOUND

PRODUCT DESCRIPTION

PolyBrite 39 is a high quality-grade, water-based white elastomeric mastic which has exceptional workability. It cures to form a seamless flexible, waterproof membrane that will expand and contract with the movement of the roof surface. This product is designed for use at various flashing and detail conditions when installing Polyglass elastomeric roof coating systems. PolyBrite 39 offers excellent adhesion, flexibility, high tensile strength, and resistance to ultraviolet degradation.

USES

- Suitable for use as a mastic grade sealant for flashings and miscellaneous details on various roof surfaces and substrates.
- Can be applied over various conventional BUR, modified bitumen, metal, wood, spray polyurethane foam (SPF), Single-Ply membranes (primer may be required) and concrete materials.
- Recommended for seal joints, seams, through-roof penetrations, and fastener heads.

FEATURES AND BENEFITS

- Will expand and contract with movement of roof surfaces.
- Provides a permanent waterproof seal at flashing details and fastener heads.
- Suitable for most surfaces and various roofing types.
- No migration of plasticizers and oils that inhibit adhesion and product performance.

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Accelerated Weathering @ 1000 hr. (pass/fail)	Pass	ASTM D4798
Solar Reflectance (%)	80	ASTM C1549
Fungi Resistance (pass/fail)	Pass	ASTM G21
Elongation (%)	250 ± 50	ASTM D2370
Tensile Strength (psi)	300 ± 50	ASTM D2370
Flexibility @ 15°F Mandrel (pass/fail)	Pass	ASTM D522B
Viscosity (cP)	> 125,000	Brookfield® TC/ 2 RPM/77°F
Weight/gal (lb)	11.3 ± 5	ASTM D2939
Solids Weight (%)	64 ± 2	ASTM D1644
Solids Volume (%)	52 ± 2	ASTM D2697
VOC (g/L)	< 50	Calculated
Flash Point (°F)	> 212	PMCC

APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces to receive flashing must be clean, dry, and free from any foreign matter such as dirt, oils, grease, or other debris that could inhibit adhesion.
- Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminations.
- Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of newly installed products.
- Repair any visible deficiencies such as splitting, blistering, and buckling.
- Visually inspect all flashings, edges, drains, valleys and through roof penetrations and repair as needed by project conditions.



PACKAGING

- 2 Gallon (7.5 Liters) Pail
- 3.5 Gallon (13.2 Liters) Pail
- 5 Gallon (18.9 Liters) Pail

COLORS

White and Tan



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Application:

- Apply at 1/8" (125 mil) up to 1/4" (250 mil) thick uniform application using a brush, trowel, putty knife, or bulk sealant gun (Albion R DL-45-01 or equivalent).
- Apply to all laps, cracks, or breaks in the surface extending a minimum of 2" on each side.
- Curing time will vary due to wet film thickness, ambient temperature, humidity, and other climatic conditions. For best results allow the product to dry overnight before the application of subsequent materials.
- Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of the product.
- Do not apply if inclement weather is expected within 24 hours of application.
- Do not apply at temperatures greater than 120°F.
- Do not thin product.
- Prior to using this product on new cap sheets (smooth or granulated); it is recommended to wait 30 days for weathering.
- For best results apply with polyester fabric in a three course manner.

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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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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