

POLYBRITE® 73

ELASTOMERIC FLASHING COMPOUND WITH STRETCHSPAN TECHNOLOGY™

PRODUCT DESCRIPTION

PolyBrite 73 is a premium-grade white elastomeric mastic with StretchSpan Technology™ (SST). This technology makes this product extremely pliable. PolyBrite 73 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 73 offers excellent adhesion, flexibility, high tensile strength and resistance to ultra violet 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 and concrete materials.
- Recommended for seal joints, seams, through-roof penetrations and fastener heads.

FEATURES AND BENEFITS

- StretchSpan Technology™ (SST) makes it extremely pliable.
- Flexible – will expand and contract with movement of roof surfaces.
- Strength – provides a permanent waterproof seal at flashing details and fastener heads.
- Versatile – suitable for most surfaces and various roofing types.
- Stable – no migration of plasticizers and oils that inhibit adhesion and product performance.

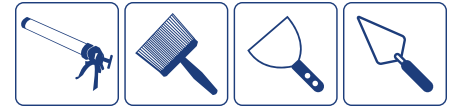
TYPICAL PHYSICAL PROPERTIES

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® 4d/5 RPM/77°F
Weight / gal (lb)	10.3 ± .5	ASTM D2939
Solids Weight (%)	64 ± 2	ASTM D1644
Solids Volume (%)	52 ± 2	ASTM D2697
VOC (gm/L)	< 50	Calculated
Flash Point (°F)	> 212	PMCC

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 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

- 1.8 Gallon (6.8 Liters) Pail
- 4.75 Gallon (17.9 Liters) Pail

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

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375

(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 802-8017

Questions? technical@polyglass.com

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.



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Application:

- Stir all products well prior to 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® DL-45-01 or equivalent).
- Apply to all laps, cracks or breaks in the surface extending a minimum of 2 inches 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.

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.

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