POLYBRITE® 72
PREMIUM GRADE ELASTOMERIC FLASHING COMPOUND

PRODUCT DESCRIPTION

Polybrite 72 is a premium-grade white water-based elastomeric mastic which cures to form a seamless membrane when applied to an acceptable substrate. Polybrite 72 is designed for use at various flashing and detail conditions when installing Polyglass' elastomeric coating systems. Polybrite 72 offers excellent adhesion, flexibility 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.
- Designed for superior performance on metal roofing and concrete. Recommended for use to seal joints, seams, through-roof penetrations and fastener heads. Contact Polyglass Technical Services for clarification of unusual surfaces or project conditions.

FEATURES AND BENEFITS

- 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 can migrate and inhibit adhesion and product performance.

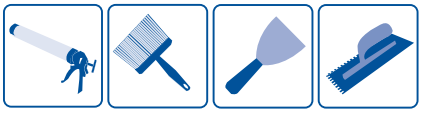
TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Accelerated Weathering @ 1000 hr (pass/fail)	pass	ASTM D 4798
Solar Reflectance (%)	80	CRRC-1
Fungi Resistance (pass/fail)	pass	ASTM G 21
Elongation (%)	150 +/-50	ASTM D 2370
Tensile Strength (psi)	200 +/-50	ASTM D 2370
Flexibility @ 15ºF mandrel (pass/fail)	pass	ASTM D 522B
Viscosity (cP)	>150,000	Brookfield© 4d/5 RPM/77◦ F
Weight/gal (lb)	12 +/-.5	ASTM D 2939
Solids Weight (%)	>60	ASTM D 1644
Solids Volume (%)	>50	ASTM D 2697
VOC (gm/L)	<50	Std method
pH (rating)	>9	Std method
Flash Point (ºF)	>212	PMCC
Coverage Rate (gal/ 100 sq. ft)	8	Polyglass USA
Storage Temperature (ºF)	40 - 100	Polyglass USA
Shelf Life (months)	12	Polyglass USA

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.



PACKAGING

1.8 Gallon (7.56 Liters) Pail

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

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
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(954) 233-1330
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Technical Service: (866) 802-8017

Questions? pgmarketing@polyglass.com

COATINGS

WATERPROOFING MATERIALS AND INSULATING SYSTEMS
POLYGLASS® Q
MAPEI GROUP
Adds value!

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- 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 all products well prior to application.
- Apply Polybrite 72 at 1/8" thick uniform application using a paint brush, trowel, putty knife or bulk sealant gun (Albion® DL-45-01 or equivalent) for larger installations.
- Apply Polybrite 72 Flashing Compound to all laps, cracks or breaks in the surface condition extending a minimum of 2 inches on each side. Embed and back brush a single layer of Polybrite Polyester Fabric to fully wet the fabric into the initial layer of mastic. Follow with a second equal application of Polybrite 72 and feather to limit excessive build-up of materials.
- Curing of Polybrite 72 will vary due to wet film thickness, ambient temperature, humidity and other climatic conditions. For best results, it is recommended to allow an overnight curing 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 product. Do not apply if inclement weather is expected within 24 hours of application.
- Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120°F.
- Prior to using this product on new cap sheets (smooth or granulated), it is recommended to wait 30 days for weathering. Newly applied PG 800 Asphalt Emulsion can typically be coated once emulsion has cured, usually 1 to 5 days depending on weather and rate of emulsion application.

Storage and Cleaning:

- Product shelf life: 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 frozen.
- 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 material safety data sheet (MSDS) 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.

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For the most current product data and warranty information, visit www.polyglass.com