

POLYBRITE® 93

SILICONE FLASHING COMPOUND

PRODUCT DESCRIPTION

PolyBrite 93 is a silicone flashing compound designed for use at various flashing and through-roof penetration conditions. When installing Polyglass silicone coating systems, use at details and where silicone is required to be applied vertically, such as parapet walls. The product will expand and contract with the movement of the roof surface and is resistant to UV degradation.

USES

- Recommended for seal joints, seams, flashings and through-roof penetrations.
- Can be applied over conventional BUR, smooth and granulated modified roof membranes (primer may be required), wood, concrete and most metal roofs.

FEATURES AND BENEFITS

- Flexible.
- Low odor.
- Easy to apply.
- VOC compliant.
- Fast moisture-cure.
- UV resistant.
- Excellent resistance to weathering.
- Superior adhesion to a variety of substrates.
- Suitable for most surfaces and various roofing types.
- Provides a permanent waterproof seal at flashing and penetrations.

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Elongation (%)	379	ASTM D412
Tensile Strength (psi)	235	ASTM D412
Solids weight (%)	92 ± 3	ASTM D2697-3
Tack-Free Time (hours)	1–2	ASTM C679
Cure Time (hours)	16–18	
VOC (g/l)	< 50	Calculated

APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces to receive compound 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

COLORS

White



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Application:

- Stir product prior to application if needed.
- Apply by brush, trowel or putty knife.
- In all cases, an adhesion test is recommended to confirm suitability.
- Prior to using this product on new cap sheets (smooth or granulated); it is recommended to wait 30 days for weathering.
- Apply at 1/8" thick uniform application.
- Application in cold weather could result in uneven application and improper curing of product.
- Apply at all laps, cracks or breaks in the surface extending a minimum of 2 inches on each side.

Storage and Cleaning:

- Shelf life is 12 months from date of manufacture when properly stored.
- All containers should be sealed when not in use.
- Keep from freezing.
- Store unopened containers between 50°F and 90°F
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Clean hands with waterless hand cleaner.
- Application tools and equipment can be cleaned with mineral spirits or Naptha.

Limitations:

- Do not apply if inclement weather is expected within 24 hours of application.
- Do not thin product.
- Not for use where product will be under constant water submersion.
- Not recommended for silicone structural glazing.
- Do not apply in confined spaces without proper ventilation.
- Do not apply at temperatures above 120°F.
- For cold weather application, store material above 65°F.

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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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