



POLY-SIL 9700

Technical Data Sheet

For Professional Use Only

100% Solids Self Leveling Moisture Cure Sealant Polyurethane-Silicone Hybrid

Recommended Uses

Industrial uses requiring high elasticity, high-strength and outstanding adhesion for a wide-range of substrates. Poly-Sil 9700 bonds aggressively to steel, aluminum, ceramics, spray foam, styrofoam, EPS, glass, wood, fiberglass, concrete and coated metal.

Description

- Self-Leveling technology for all seams, fasteners, ridge caps, flashings and penetrations
- Moisture curing multi-purpose one-component sealant/adhesive
- Designed for industrial uses requiring elasticity, high strength, and excellent adhesion
- May be applied to surfaces at or below freezing temperatures. Make all attempts to remove frost.
- Performance at temperature as low as -40 degrees F
- Bonds to damp surfaces and is rain tolerant during cure
- Cures to a waterproof tough flexible sealant
- Low odor and minimal shrinkage
- UV resistant
- VOC Compliant

Colors

Standard Colors: LIGHT GRAY, WHITE

Packing/Shipping Information

CONTAINER SIZES:

5 Gallon Pail

SHIPPING CLASS - 55

Typical Properties

Property	Results
Tensile Strength	200 PSI
Elongation (break)	500%
Hardness Shore A	25 (5 day ambient cure)
Application Temperature	13 to 200 degrees F
Low Temp Flexibility	-20* F
Service Temperature	-40* F to 200* F
Shelf Life - Stored @ 40 to 80* F	12 Months - Unopened

Surface Preparation

General: Surfaces to be coated should be dry, free of dust, dirt, oil, peeling coating and other foreign matter. It may be necessary to power wash and/or prime to enhance adhesion.

Environmental Conditions: The product must NOT be applied when the ambient temperature is below 30* F

Ponded Water: Proguard warranties do not cover damage due to ponding water. The National Roofing Contractors Association considers ponding water on any roof unacceptable.

Applications

Can be applied to most surfaces without primer. Poly-Sil 9700 can adhere to silicone. Typical coverage rate is 1 gallon per 100 sq.ft., ¼” bead for 32 linear feet or 300 fasteners. Poly-Sil can also be rolled using a 1 ¼” nap roller.

Safe Practices

The product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use and handling. Information sources include, but not limited to, SDS and product labels. More resources are available at proguardbuilding.com or by contacting Proguard Building directly.

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