



TECHNICAL DATA SHEET

Proglaze® II

Multi-Component, Neutral-Cure,
Silicone Sealant for Structural Glazing

PRODUCT DESCRIPTION

Proglaze® II is a multi-component, high-modulus silicone sealant consisting of a white base and a black curing agent that, when mixed through a pump, cures to a tough, flexible rubber.

BASIC USES

Proglaze II is developed specifically for in-plant, 2- and 4-sided structural glazing and curtain wall applications where shortened cure time reduces glazing/sealing production time. All structural glazing applications must be reviewed and approved by Tremco Technical Services.

FEATURES & BENEFITS

- High modulus for a tough flexible rubber cure when mixed through a pump, producing a tenacious, watertight seal.
- Short cure time reduces glazing/sealing production time with snap time as low as 30 to 60 min.
- Greenguard Gold certification ensures safety for use in the most sensitive indoor environments including hospitals and schools.

PACKAGING

Sealant Base: 55-gal (208-L) drum
Curative: 5 gal (19 L) pail

COLORS

Black

AVAILABILITY

Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

LIMITATIONS

- Do not apply to damp or contaminated surfaces.
- Do not use on porous surfaces.
- Not intended for continuous water immersion

SUBSTRATE PENETRATION

Substrates for every structural silicone glazed project should be submitted for adhesion and compatibility testing by Tremco Technical Services prior to commencement of glazing. The surface preparation (cleaning method and primer if required) for each structural glazing project will be recommended based on production run sample substrates supplied by the customer and based on laboratory testing performed by Tremco.

Joint interfaces must be clean, dry, and free from any foreign matter prior to sealant application. Metal, glass and other non-porous surfaces should be wiped clean with a solvent-dampened, clean towel, followed immediately by a dry wipe with a clean, lint-free towel before the solvent evaporates (i.e., 2-rag method).

Preferred solvent is Isopropyl Alcohol (IPA) or Methyl Ethyl Ketone (MEK). Follow all precautions on label during handling of solvent. A trial application of the solvent is recommended to ensure there is not an adverse reaction with the substrates.

APPLICABLE STANDARDS

- Conforms to ASTM C920 Type M Grade NS, Class 25, Use NT, G and A.
- U.S. Federal Specification TT-S-00227E Class A, and Type II.
- Conforms to ASTM C1184, Use G and O (aluminum).

APPLICATION

Closed-cell polyethylene backer rods are preferred as joint backing to control depth of sealant bead. Where depth of joint will prevent use of joint backing, an adhesive-backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

JOINT BACKING

Closed-cell polyethylene backer rods are preferred as joint backing to control depth of sealant bead. Where depth of joint will prevent use of joint backing, an adhesive-backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

WARRANTY

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products.

Tremco's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
As Cured: After 14 days at 77 °F (25 °C), 50%RH		
Tack free time	ASTM C679	90 to 120 min
Cyclic Movement	ASTM C719	+/- 25%
Hardness (Shore A)	ASTM C661	40 to 45
Maximum Elongation	ASTM D412	275 to 300%
Tensile Strength at 25% Elongation	ASTM C1135	0.34 to 0.35 MPa (50 psi)
Tensile Strength at Max Elongation	ASTM D412	1.37 to 1.44 MPa (200 to 210 psi)
As Cured: After 21 days at 77 °F (25 °C), 50%RH		
Ultimate Tensile Strength	ASTM C1135	0.81 MPa (118 psi)
Ultimate Elongation	ASTM C1135	158%



Tremco Commercial Sealants & Waterproofing | tremcosealants.com

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