

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 and 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.

Shelf Life

Base: 12 months

Curative: 6 months

Limitations

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

Substrate Preparation

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

Proglaze II can be easily applied with Tremco approved multi-component metered dispensing equipment. Hand mixing or mechanically mixing the base and curing agent is not acceptable.

Sealant should be applied in a continuous operation with adequate pressure to wet both sides of the joint and fill the joint entirely to its proper width and depth control. Dry tool immediately after application to ensure firm intimate contact with the joint interface.

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.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
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	.81 MPa (118 psi)
Ultimate Elongation	ASTM C1135	158%

0316/PGIIDS-ST



Tremco Commercial Sealants & Waterproofing

3735 Green Rd
Beachwood OH 44122
216.292.5000 / 800.321.7906

1451 Jacobson Ave
Ashland OH 44805
419.289.2050 / 800.321.6357

220 Wicksteed Ave
Toronto ON M4H1G7
416.421.3300 / 800.363.3213

1445 Rue de Coulomb
Boucherville QC J4B 7L8
514.521.9555