

## Proglaze® II

### A High Performance, Multi-Component Structural Silicone Sealant

#### Product Description

Proglaze II is a two-part, high modulus silicone sealant. Proglaze II consists of a white base component 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 Service.

#### 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.

#### Packaging

Sealant base packaged in a 55 gallon (208 L) drum and the curative in a 5 gallon (19 L) pail.

#### Color

Black

#### INSTALLATION

##### Surface 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, lintfree 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 adverse reaction with the substrates.

#### Joint Backing

##### Bond Breaking Tape

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.

#### Application

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

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

### TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Value
<b>As Cured: After 14 days at 77°F(25°C) and 50% R.H.</b>		
Mix Ratio: 12:1 by volume, 11.6:1 by weight		
Hardness (Shore A)	ASTM C-661	40-45
Tack Free Time	ASTM C-679	90-120
Tensile Strength at Max Elongation	ASTM D-412	1.37-1.44 MPa (200-210 psi)
Elongation	ASTM D-412	275-300%
Tensile Strength at 100% Elongation	ASTM C-1135	0.72-0.79 MPa (105-115 psi)
Tear Strength	ASTM D-624	7.88-8.76 kN/m (45-50 pli)
Cyclic Movement	ASTM C-719	±25%

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

## Maintenance

Damaged sealant can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

## Limitations

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

## Warranty

Tremco warrant its Sealants to be free of defects in material. But makes no warranty as to appearance or color. Since method 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 Sealants. Tremco's sole obligation shall be at, its option, to replace, or to refund the purchase price of the quantity of Sealant proved to be defective and Tremco shall not be liable for any loss or damage.

