

# Proglaze®

## One-Part, Moisture Curing Silicone Sealant

### Product Description

Proglaze® is a one-part, moisture curing, acetoxy, silicone sealant, easily gunned under all types of weather conditions. It rapidly cures to produce a durable, flexible seal.

### Basic Uses

Proglaze provides a high performance seal for a wide variety of glazing applications such as cap bead and metal-to-metal joints. Additional uses include a variety of in plant applications where a gun-grade sealant is required.

Proglaze (Clear, White, Aluminum and Black) is acceptable for indirect contact of edible products under U.S.D.A. requirements for use in federally inspected meat and poultry plants.

### Applicable Standards

Conforms to ASTM C 920 Type S, Grade NS, use NT, G, A, O and CAN/CGSB-19.13-M87, MG-2-25-A-L. and U.S. Federal Specification TT-S-00230C (COM-NBS) Class A, U.S. Federal Specification TT-S-001543A (COM-NBS) Class A.

### Packaging

10.1 oz. (300mL) cartridges.

### Standard Colors

White, Dark Bronze, Clear, Aluminum and Black.

### INSTALLATION

#### Joint Design

May be used in any joint designed in accordance with accepted architectural/engineering practices. Joint width should be 4 times anticipated movement, but not less than 1/4 inch (6mm) wide. Movement should not exceed 25% of the minimum joint width.

#### Joint Dimensions

For joints 1/4 inch (6mm) to 1/2 inch (13mm) wide, the width to depth ratio should be equal. Joints 1/2 inch (13mm) wide or greater should have a depth of 1/2 inch (13mm). Minimum joint size 1/4 inch by 1/4 inch (6mm by 6mm).

#### Surface Preparation

For good adhesion, the joint interface must be sound, clean and dry. Depending on the substrates, the joint surface may require a thorough wire brushing, grinding, sandblasting, solvent washing and/or primer.

#### Tooling & Cleaning

Tooling is recommended immediately after application to ensure firm, intimate contact with the joint interface. Dry tooling is preferred. Cleaning can be accomplished with solvents such as IPA or MEK while sealant is in an uncured state.

## TYPICAL PHYSICAL PROPERTIES

Property	Test Method	Typical Value
<b>As Supplied:</b>		
Tack Free Time	ASTM C 679	10 to 20 minutes
Flow, sag or slump	ASTM D 2202	0.01 in. (0.4mm)
Working Time	Skin Formation	7 to 15 minutes
<b>As Cured: After 14 days at 77°F (25°C) and 50% R.H.</b>		
Hardness (Shore A)	ASTM C 661	26 to 30
Tensile Strength at Max Elongation	ASTM D 412	2.06-2.75MPa (300-400 psi)
Maximum Elongation	ASTM D 412	450-550%
Tensile Strength at 100% Max Elongation	ASTM C 1184	.345-.552MPa (50-80 psi)
Tear Strength	ASTM C 624	7.0-7.5 kN/m (40.0-43.0 ppi)
Peel Strength	ASTM C 794	
Aluminum and Glass		2.28-2.63 kN/m (13-15 ppi)
Dynamic 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.

## 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 is easy to apply with conventional caulking equipment. Fill joint completely and tool. At 75°F (23.9°C), 50% R.H. tooling time is 7 to 15 minutes.

### Maintenance

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

## Limitations

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.
- Not intended for continuous water immersion.

## Warranty

Tremco warrants its Products 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 Tremco Products. Tremco's sole obligation shall be at, its option, to replace, or to 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](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.

