

Product Description

Proglaze® is a single-component, moisture-cure, acetoxy, silicone sealant for a variety of in-field and in-plant glazing applications.

Basic Uses

Proglaze produces 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.

Features and Benefits

- Produces durable, flexible seal.
- Comes ready to use with no mixing required for immediate application with conventional caulking equipment.
- Moisture curing and easily gunned in all types of weather conditions.
- Selected colors (Proglaze Clear, White, Aluminum and Black) acceptable for indirect contact of edible products under USDA requirements for use in federally inspected meat and poultry plants.
- Greenguard Gold certification ensures safety for use in the most sensitive indoor environments including hospitals and schools.

Availability

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

Packaging

10.1-oz (300-mL) cartridges

Colors

White, Dark Bronze, Clear, Aluminum and Black

Limitations

- Verify compatibility with substrate prior to use.
- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.
- Not intended for continuous water immersion.
- Do not use on surfaces sensitive to corrosion by acetic vapors (a by-product of sealant cure).
- Not for use on concrete brick or mortar substrates.

Substrate Preparation

For good adhesion, the joint interface must be sound, clean, and dry.

Applicable Standards

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

Application

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

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" (6 mm) wide. Movement should not exceed 25% of the minimum joint width.

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.

Sealant Dimensions

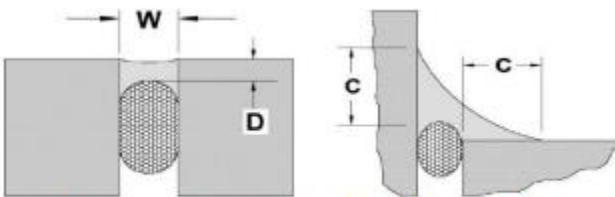


Figure 1 Non-structural sealant bead width and depth recommendations and appropriate joint design

Expansion joints: The minimum joint width (W) and sealant contact depth (C) of any silicone sealant application is 1/4" by 1/4" (6.35 mm by 6.35 mm). It is recommended that the sealant joint depth (D), when measured from the face of the sealant bead to the crown of the backer rod, be equal to one-half the sealant joint width (W), known as 2:1 width-to-depth joint ratio. For silicone sealants, the minimum sealant joint depth (D) at crown of backer rod is 1/8" (3 mm) and the maximum sealant joint depth at crown of backer rod is 1/2" (13 mm). For joints that are wider than 1" (25 mm), contact Tremco's technical services or the Tremco sales representative nearest to the application site for additional support.

Window perimeter joints: For fillet beads, or angle beads around windows and doors, the sealant should exhibit a minimum sealant contact depth [C] of 1/4" (6.34 mm) onto each substrate. Proper joint backing or bond breaking must be implemented to allow the sealant to perform when exposed to joint movement.

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.

Proglaze®

Single-Component, Moisture-Cure, Acetoxy Silicone Sealant for Glazing

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
As Supplied:		
Flow, Sag or Slump	ASTM D2202	0.01" (0.4 mm)
Tack free time	ASTM C679	10 to 20 min
Tooling Time	Skin Formation	7 to 15 min
As Cured: After 14 days at 77 °F (25 °C), 50%RH		
Dynamic Movement	ASTM C719	+/- 25
Hardness (Shore A)	ASTM C661	26 to 30
Maximum Elongation	ASTM D412	450 to 550%
Peel Strength Aluminum and Glass	ASTM C794	2.28 to 2.63 kN/M (13 to 15 psi)
Tear Strength	ASTM C624	7.0 to 7.5 kN/m (40.0 to 43.0 psi)
Tensile Strength at 100% Max Elongation	ASTM C1184	.345 to .552 MPa (50 to 80 psi)
Tensile Strength at Max Elongation	ASTM D412	2.06 to 2.75 MPa (300 to 400 psi)

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