



TECHNICAL DATA SHEET

PROGLAZE® SSG
Single-Component, Neutral-Cure, Silicone
Sealant for Structural Glazing

PRODUCT DESCRIPTION

Proglaze® SSG is a single-component, neutral-cure, high-modulus silicone sealant ideal for a wide variety of glazing applications that call for fast through-cure and exceptional tensile strength.

BASIC USES

Proglaze SSG is designed to meet the stringent performance needs for both 2- and 4-sided structural* and protective glazing, including cap, heel, or toe bead. Whether it is a unitized curtain wall manufactured in-plant or a field-glazed project, Proglaze SSG offers fast through cure and exceptional tensile strength to meet the most stringent building codes.

**All structural glazing applications must be reviewed and approved by Tremco Technical Services.*

FEATURES & BENEFITS

The high modulus of Proglaze SSG produces a tough, flexible rubber cure that creates a tenacious, watertight seal. This sealant is easy to apply with conventional caulking equipment and comes ready to use with no mixing required for immediate application.

Proglaze SSG provides the excellent adhesion, fast through-cure, and exceptional tensile strength & flexibility that is critical to withstanding wind cycle loads and missile impacts. It has been impact/hurricane tested to the industry's most stringent performance standards, including the Miami/Dade Protocol. Additionally, Proglaze SSG has been successfully tested as a structural anchor in retrofit Blast Film applications.

Proglaze SSG meets or exceeds the following specifications:

- ASTM C 920 Type S, Grade NS, Class 25, Use NT, G, A
- CAN/CGSB-19.13-M87
- U.S. Federal Specification TT-S-00230C (COM-NBS) Class A, Type II
- U.S. Federal Specification TT-S-001543A (COM-NBS) Class A
- ASTM C1184 Use G and O (aluminum)
- AAMA 802.3-10, Type I

The Greenguard Gold certification on Proglaze SSG ensures safety for use in the most sensitive indoor environments including hospitals and schools.

AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 10.1 oz (300 mL) cartridges, 20 oz (600 mL) sausages, 4.5 gal (17 L) pails, and 50 gal (189 L) drums.

COLORS

Proglaze SSG is available in Black.

LIMITATIONS

Proglaze SSG should not be applied to damp or contaminated surfaces. For good adhesion, the joint interface must be sound, clean, and dry. Proglaze SSG is not intended for continuous water immersion.

Always use Proglaze SSG with adequate ventilation.

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
As Supplied:		
Flow, Sag, or Slump Inches	ASTM C639	None
Tack Free Time	ASTM C679	10 to 15 min
Tooling Time	Skin Formation	5 to 10 min
Ultimate Elongation	ASTM C1135	193%
Extrusion Rate		33 seconds
Hardness (Shore A)	ASTM C661	40
Maximum Elongation	ASTM D412	380%
Peel Strength Aluminum and Glass	ASTM C794	60 lb/in
Tear Strength	ASTM C624	67 lb/in
Tensile Strength at Max Elongation	ASTM D412	350 psi
As Cured, After 21 days at 77 °F (25 °C), 50%RH:		
Maximum Elongation	ASTM D412	380%
Ultimate Tensile Strength	ASTM C1135	160 psi (1.10 MPa)

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.

PG-SSG-DS/1222



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