



TECHNICAL DATA SHEET

TREMGLAZE® S500+

Window and Door Installation Silicone

PRODUCT DESCRIPTION

TremGlaze® S500+ is a one-part, medium-modulus, neutral-curing, silicone sealant ideal for a wide variety of window and door glazing applications. Adding biocide to the formula aides in the prevention of mildew and fungus build up.

BASIC USES

The product's tenacious adhesion, high performance capabilities and exceptional cure stability make it perfect for the most demanding window and door installations.

FEATURES AND BENEFITS

- Low toxicity/heavy metal free
- Protects polymer compositions
- EPA registered

PACKAGING

10.1-oz./300 mL cartridge: Clear, White

4.5 Gal/17 L pail: Clear

50 Gal/189 L drum: Clear

COLORS

See packaging for color availability by size.

Special colors available upon request. Minimum requirements exist for special colors.

AVAILABILITY

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

LIMITATIONS

TremGlaze S500+ should not be used:

- On wet or contaminated surfaces. Surfaces should be clean and dry prior to sealant application.
- In confined areas, without adequate ventilation
- In areas where movement requirements exceed + 25%

APPLICABLE STANDARDS

- AAMA 805.216, Group C
- U.S. Federal Specification TT-S 00230C (COM-NBS) Class A
- U.S. Federal Specification TT-S 001543A (COM-NBS) Class A
- ASTM C 920 Type S, Grade NS, use NT, G, A and O
- CANA/CGSB-19. 13 M87

APPLICATION

Product dispensed from pails or drums can be applied using standard one-part pumping or cartridge equipment.

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 VALUES
Skin time		5-10 min
Tack Free Time	ASTM C679	Less than 2 hr
Sag	ASTM D2202	Less than 0.08"
Shore A hardness	ASTM C661	37-42
Tensile strength @100%	ASTM D412	>100 psi
Maximum tensile strength	ASTM D412	200-250 psi
Maximum elongation	ASTM D412	325-375%
Hockman cycle/movement	ASTM C719	+/- 25%
Tear strength	ASTM D624	35-45 pli
Tensile strength @100%	ASTM C1135	50-60 psi
Ultimate tensile strength	ASTM C1135	>120 psi
Ultimate elongation	ASTM C1135	> 250%

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.

TGS500+-DS/0523

Tremco Construction Products Group (CPG) brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Dryvit and Willseal brands; Nudura Inc.; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; and Pure Air Control Services, Inc.

