

TREMCO

Tremsil® 600

General Construction Silicone Sealant

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Product Description:

Tremsil 600 is a one-part, medium modulus, neutral cure silicone sealant. The sealant cures to a flexible rubber when exposed to moisture present in the air.

Basic Uses:

Tremsil 600 is compatible to most common non-porous building component surfaces making it an excellent sealant for glazing of low rise residential windows. Tremsil 600 has excellent adhesion to aluminum, stainless steel, metals, glass, plastics, rigid P.V.C.'s, wood and painted surfaces.

Limitations:

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.

Packaging:

1/12 gallon (300 ml) cartridges.

Standard Colors:

White, Black, and Clear.

Applicable Standards:

Conforms to ASTM C920 Type S, Grade NS, use NT, G, A and O and CAN/CGSB-19.13-M87 and U.S. Federal Specification TT-S-00230C (COM-NBS) Class A, and U.S. Federal Specification TT-S-001543A (COM-NBS) Class A.

INSTALLATION

Joint Design:

May be used in any joint designed in accordance with accepted architectural/engineering practices. Joint width should be 4 times antic-

ipated movement, but not less than 1/4 inch (6.4 mm) wide.

Joint Dimensions:

For joints 1/4 inch (6.4 mm) to 1/2 inch (12.7 mm) wide, the width to depth ratio should be equal. Joints 1/2 inch (12.7mm) wide or greater should have a depth of 1/2 inch (12.7 mm). Minimum joint size 1/4 inch by 1/4 inch (6.4 mm by 6.4mm).

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, sand-blasting, solvent washing and/or primer.

Tooling & Cleaning:

Tooling is recommended immediately after application to insure 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 uncured state.

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 side adhesion. Joint backing must be dry at time of sealant application.



Application:

Tremsil 600 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 from 8 to 10 minutes.

Maintenance:

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

Availability:

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

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.

**TYPICAL PHYSICAL PROPERTIES**

Property	Test Methods	Typical Value
Uncured		
Tooling Time	Skin formation (Touch)	8-10 mins.
Tack free time	ASTM C679	Less than 2 hrs.
Sag	ASTM D2202 (full)	0-0.8mm (0-0.03")
Cure Through	Cure rate for 6mm (1/4") bead @ 23°C (73°F) and 50% R.H.	Less than 7 days
Cured		
Hardness (Shore A)	ASTM C661	20-22
Tensile Strength (max.)	ASTM D412	1.4 MPa (200 psi)
Elongation	ASTM D412	500%
50% Modulus	ASTM D412	0.45 MPa (65 psi)
Movement	ASTM C719	±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.

For MSDS and Spec Data Sheets,
Call our 24 Hour Fax-Back Line:

1-800-551-2806

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