TREMCO

TECHNICAL DATA SHEET

TremGlaze® U1600

One-Part, Low Modulus Hybrid Sealant

PRODUCT DESCRIPTION

TremGlaze® U1600 is a high-performance, low modulus, one-component, moisture-curing hybrid sealant.

BASIC USES

TremGlaze U1600 is a durable, flexible hybrid sealant that offers excellent performance in back-bedding and in the installation of windows and doors.

FEATURES & BENEFITS

- Compatible with self-cleaning glass applications.
- Aggressive adhesion to a variety of window substrates including wood vinyl, aluminum, and glass.
- Easy to apply with conventional hand caulking and air gunning equipment.
- Excellent long-term weather resistance.
- UV stable

AVAILABILITY

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

PACKAGING

10.1-oz (300-mL) cartridges: Almond, Andersen White, Black, Bronze, Sandstone, White

20-oz (600-mL) sausages: Black, Bronze, Sandstone, White

COLORS

See Packaging for color availability by size.

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

LIMITATIONS

- Do not apply over wet or contaminated surfaces.
- Not for use as an insulated glass sealant.

APPLICATION

Product dispensed from drums can be applied using standard one-part pumping equipment. TremGlaze U1600 cartridges are easy to apply with conventional hand-caulking and air gunning equipment. Fill joint completely to a proper width-to-depth ratio and tool.

PRIMING

TremGlaze U1600 typically adheres to common construction substrates without primers; however, Tremco always recommends that a field adhesion test be performed on the actual materials being used on the job to verify the need for a primer, proper cleaning, and prep requirements. The field adhesion test can be found in appendix X1 of ASTM C1193, Standard Guide for use of Joint Sealants.

Where deemed necessary, use Vulkem® Primer #191 Low VOC QD for porous substrates and TREMprime® Non-Porous Primer for metals and plastics.

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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
Rheological Properties at 40 to 122 °F (4.4 and 50 °C)		0, None
Extrusion Rate	ASTM C920	15
Hardness Properties	ASTM C661	25
Weight Loss	ASTM C1246	Passes (<2%)
Skin Time	ASTM C679	30 to 90 min
Tack Free Time	73.4 °F (23 °C), 50% RH	3 to 4 hr
Stain and Color Change	ASTM C510	None
Adhesion-in-Peel	ASTM C794	Concrete: 18 to 22 pli Aluminum: 20 to 25 pli No adhesion loss
Effects of Accelerated Aging	ASTM C793	Passes
Movement Capability	ASTM C719	±35%

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.

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