

Product Description

TremGlaze® UA1300 is a high-performance, single-component urethane acrylic sealant specifically formulated for a wide range of applications within the residential window and door installation industry.

Basic Uses

TremGlaze UA1300 can be used for interior or exterior caulking where a durable and permanently flexible sealant is needed. TremGlaze UA1300 adheres well to wood, metal, gypsum board, vinyl, foam board and many other construction substrates making it ideal for most areas where a sealant is needed.

Features and Benefits

- UV stable
- Quick cure
- Paintable within 48 hours
- Excellent adhesion to most construction substrates
- Non-flammable and non-hazardous
- Mildew-resistant
- Single-component
- Flexible
- Easy to apply (tooling not required)
- Will not crack or fade
- Low VOC
- Easy clean-up

Availability

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

Packaging

10.1-fl oz. (300-mL) cartridges

Colors

Clear and White

Applicable Standards

- Specifications for ASTM C920 Type S, Grade NS, Use NT
- U.S. Federal Specification TT-S-001656 Type 1 performance

Limitations

- Do not apply on wet or contaminated surfaces
- Not for outdoor application when rain is imminent within 24 hr
- Do not apply below 35 °F (1.7 °C) or when freezing will occur within 24 hr

- Keep from freezing and store at room temperature

Substrate Preparation

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

Depending on the substrate, or presence of form release agents, dust or other contaminants, the joint surface may require appropriate cleaning and/or prepping.

Application

Product is easy to apply using conventional single-component caulking equipment. Fill joint completely at 75 °F (23.9 °C), 50% RH.

Joint Design

TremGlaze UA1300 may be used in any vertical or horizontal butt-joint design in accordance with accepted architectural/engineering practice.

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

Clean Up

Tooling is not recommended with the application of TremGlaze UA1300. If minimal tooling is necessary, it should be performed within 15 min after application. Easy cleanup can be accomplished using soap and water while product is in an uncured state.

Warranty

Tremco warrants its Products to be free of defects in material 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.

TremGlaze® UA1300

High-Performance, Urethane Acrylic Sealant

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Tack-Free Time (77 °F, 50% RH)		30 to 60 min
Application Temperature		40 to 100° F (4.5 to 37.8° C)
Cure Time		48 hrs at 77°F (25°C)/50% RH; longer at higher RH
Sag Resistance		NIL
Shore A Hardness		35
Tensile Strength, ASI		145
Elongation		>550%
Peel Strength		25 pli
Tear Strength		40 pli
Weathering (6,000 hr)		No change in color or hardness
Shelf Life (unopened containers)		12 months

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