



TECHNICAL DATA SHEET

TremGlaze® UA1300

High-Performance,
Urethane Acrylic Sealant

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 and 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 & 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-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 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 practices.

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-sided 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

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
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 (23 °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

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.

TGUA1300DS/1222

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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