

TremSEAL® D

One Component Polyurethane Sealant

Composition: TremSEAL® D is a premium gun grade, moisture cured, one-component polyurethane sealant. It is not displaced by movement or expansion and is non-sagging. TremSEAL D is asbestos free.

Basic Uses: TremSEAL D is a general purpose sealant for both dynamic and static joints. TremSEAL D can be applied over a variety of construction materials, including concrete, metal, and wood. It is designed to seal, adhere and caulk such areas around protrusions, rake flashings, flashing reglets, doors, panels, and coping joints.

TremSEAL D is VOC Compliant per the California Air Resources Board (CARB) Consumer Products Regulation and the Ozone Transport Commission (OTC) as a sealant and caulking compound.

Limitations:

- Not recommended for application to surfaces with temperatures under 40°F (4.5°C). Maximum use temperature 180°F (82°C) continuous.
- Not recommended for use in joints under constant submersion or in traffic-bearing joints.
- Not for direct contact with polystyrene, or in food processing areas.
- Not for use on glass or plexiglass surfaces.
- Maximum joint size is 1-1/4" (32mm) width x 3/8" (9mm) depth

Product Advantages	
Features	Benefits
Low modulus	• Ideal for moving joints or expansion
One- component	• No mixing required, reducing hazards, and labor costs.
Non-sag	• Can be used on vertical joints
Compatible with many	• Upon curing, may be coatings top coated
Resists UV, ozone	• Long performance life and moisture

Grade: Gun

Packaging: Available in 10.15 fluid ounce (300 ml) cartridges, 30 cartridges per case, 2.38 gal/case (9L/case).

Storage Life: One year.

Colors: White, Aluminum, Limestone, Bronze.

Application Standards: Meets U.S. Federal Specification TT-S-00230C, Type II, Class A, and ASTM C 920-79, Type S, Grade NS, Class 25. Use NT, M, T, A, O and CAN/CGSB-19.13-M87.

APPLICATION DATA

Surface Preparation: Substrate must be clean and dry. It is essential to remove all moisture, powder, dirt, oil, and other foreign matter, including any previous waterproofing or damproofing materials. Cleaning may be done by wire brushing, grinding, or sand-blasting.

For maximum adhesion, use Tremprime Non-Porous Primer on steel, aluminum and copper. Use Vulkem #171 Primer for concrete or masonry surfaces. Contact Tremco Technical Services for additional priming options.

Application: TremSEAL D is easy to apply with conventional caulking equipment. Fill joint completely and tool. At 75°F and 50% humidity, a durable skin forms within 24 hours. Curing continues at a rate of 1/16" depth per day. The cure rate is reduced at lower temperatures and less humidity.

Tooling: Is recommended immediately after application to insure firm, full contact with the joint interface. Dry tooling is preferred, although tooling agents can be utilized. Excess sealant and smears can be removed with toluene before sealant cures.

Coverage Rate: One cartridge of TremSEAL D will cover approximately 27 linear feet at 1/4" width x 1/4" depth. The size of the joint dictates the actual coverage, the amount shown is intended as minimum application information.

Precautions: Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000.

Maintenance: Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco, Inc. warrants TremSEAL D to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any product that is proved to be defective when applied in accordance with our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weather-proofing technology, complement and extend the services of the Tremco Technical Service staff.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

Physical/Performance Characteristics		
TremSEAL D		
Property	Typical Value	Test Method
Hardness (Shore A)	40	ASTM C 920
Bond Durability	Pass	ASTM C 920
Stain & Color Change	None	ASTM C 920
Accelerated Weathering	Pass	ASTM C 920
VOC	85g/L	ASTM D 3960
VOC	<4%	CARB Consumer Product Method 310



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