

T-REX CAULK



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Technical Data:

Base	Silyl-terminated polyether	
Sag	No sag in vertical displ. @120°F	ASTM C 639
Curing system	Moisture Cure	
Tack-free time	24 hrs.	ASTM C 679 (maximum 72 hrs.)
Cure time	24-48 hrs, ¼" diameter bead	@ 75°F & 50% relative humidity
Hardness – Shore A	50 +/- 5 Shore A	ASTM C 661
Percent Solids	95%	
Service temperature range	-40°F to +195°F	
Peel adhesion	55-85 lb/in	ASTM C 794
Tensile Yield	400 psi	ASTM D 412
Elongation	500%	ASTM D 412
Total joint movement	+/- 25 %	ASTM C 719
Stain and color change	Passes	ASTM C 510 (no visible stain)
Artificial weathering	Passes	ASTM C 793 (3,000 hrs Xenonarc)
Shelf life	12 months	Stored between 33°F & 80°F

Product:

T-Rex Caulk is a water-, solvent- and isocyanates- free, one-component, gun-grade, moisture-cure silyl-terminated polyether sealant. This High Performance product is engineered for a wide range of sealing and bonding applications.

Characteristics:

- Immediate high grab strength on nearly all surfaces
- Excellent adhesion on porous and non porous substrates
- Primerless adhesion (except where capillary water pressure can occur) to many substrates
- Very easy to tool and finish
- Good extrudability and UV resistance
- Paintable with most waterbased paints
- Non-sticky after cure
- Free of water, isocyanates, solvents, halogens and acids
- Resistant to many chemicals
- According to our knowledge we never observed staining on porous surfaces such as concrete and natural stones.

Applications:

- Sealing and bonding in the building industry
- Sealing of floor joints (trafficable)
- Sealing around bathtubs and showers
- Fixing of bathroom accessories
- Structural bonding in vibrating constructions
- Connecting joints in sheet metal fabrication
- Sealing and bonding of cabinets, countertops
- Sealing and bonding for most home-repair needs

Packaging:

Color: white, grey, beige
Packaging: plastic cartridge 290ml (9.8 fl oz)

Storage:

Store in original, unopened containers away from heat and direct sunshine. Storing at elevated temperatures reduces the shelf life.

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Surfaces:

Type: all usual building surfaces, most metals, polyesters and many plastics. Not suitable for PE, PP, PTFE, ABS or PMMA.

Surface Preparation: clean, dry, free of dust and grease
Preparation:

- It is expected that the product will adhere and perform in uncontaminated joints with most common construction substrates, without the use of a primer.
- We always recommend preliminary compatibility tests

Resistance to chemical agents:

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis.
Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrogens

Joint Size:

The number of joints and the joint width should be designed for a maximum of +/-25% movement.

Minimum Width: 2 mm (bonding)
5 mm (in joints)

Maximum Width: 10 mm (bonding)
30 mm (in joints)

Minimum Depth: 5 mm (in joints)

- Joints of 12mm or less : depth = width
- Joints of more than 12mm : 2 x depth = width

Meets:

- ASTM C 920, Type S, Grade NS, Class 25, Use T, NT, M, A, G and O
- Federal Specification TT-S-00230C, Type II, Class A
- USDA compliant for use in establishments that handle food

Application:

Method: caulking gun

Application temperature: 34°F to +90°F

Clean: with mineral spirit immediately after use and before curing

Tooling: with a soapy solution before skin formation

Repair: with T-REX

Health- and Safety Recommendation:

KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. T-Rex Caulk is manufactured for professional use only. Refer to Material Safety Data Sheet (MSDS) for further information.

Pretest for Adhesion:

Pre-testing for adhesion is intended to eliminate potential field problems. This testing will aid in determining the proper surface preparation method.

Limited Warranty:

SODAL warrant products to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SODAL MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SODAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

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