

Product Description

TremPro® 645 is a high performance, single-component, medium-modulus, neutral-cure silicone sealant. TremPro 645 cures to a flexible rubber when exposed to moisture present in the air.

Basic Uses

TremPro 645 is specially designed for sealing joints between most non-porous materials such as glass, aluminum, metal and metal alloys. Typical applications include: recreational vehicles, truck trailers and cabs.

Features and Benefits

- TremPro 645 is easily gunnable over a wide range of temperatures and has excellent adhesion to most common substrates without the use of a primer.
- TremPro 645 also has superior handling and tooling characteristics when compared to other silicones.
- TremPro 645 has superior skin time and excellent ultraviolet resistance and movement capabilities.
- TremPro 645 makes it ideal for OEM and production line applications.

Packaging

10.1-oz (300-mL) cartridges

Colors

Semi-Translucent, Glossy White, Bronze, Black and Aluminum.

Availability

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

Limitations

- Do not apply over damp or contaminated surfaces.
- Use with adequate ventilation.

Substrate Preparation

For good adhesion, the joint surface must be sound, clean and dry. Depending on the substrate, the joint surface may require a thorough wire brushing with a steel wool or Scotch Brite pad and/or solvent wipe.

Application

Cartridges of TremPro 645 are easy to apply with conventional caulking equipment. Fill joint completely and tool when necessary.

At 75 °F (23.9 °C), 50% RH, a durable skin forms within 30 min. The cure rate may be slightly reduced at lower temperatures and less humidity.

Damaged sealant can be repaired. Consult Tremco Technical Services or your local Tremco Sales Representative for repair procedures.

Clean Up

Tool immediately after application to ensure firm, intimate contact with the joint interface. Excess sealant and smears adjacent to the joint can be removed with IPA or MEK before sealant cures.

Warranty

Tremco warrants its Products to be free of defects in materials, 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.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Elongation	ASTM D412	500%
Movement	ASTM C719	±25%
Shore A Hardness	ASTM C661	20 to 22 Shore "A"
Elongation	ASTM D412	500%
Tensile	ASTM D412	200 psi (1.4 MPa)
Tooling Time		8 to 10 min

0316/TPRO645DS-ST



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