
PRODUCT DESCRIPTION

TREMPRO® 644 RTV is a one-part, general purpose, acetoxy silicone sealant.

BASIC USES

TREMPRO 644 RTV is specially designed for sealant joints between most nonporous materials such as glass, aluminum, metal and metal alloys. Industrial and residential uses include HVAC, plumbing and kitchen/bath fixtures. TREMPRO 644 RTV may also be used on site where a gun-grade sealant is required.

FEATURES AND BENEFITS

- Easily gunnable over a wide range of temperatures and has excellent adhesion to most common substrates without the use of a primer.
- TREMPRO 644 RTV skins within 30 min at 75 °F (24 °C) and 50% RH, and cures into a tough, durable, weather resistant material.
- It has excellent handling characteristics and tools to a smooth, attractive finish.
- TREMPRO 644's superior skin time makes it ideal for OEM and production line uses.
- Versions of TREMPRO 644 RTV containing fungicide for sanitary applications are available.

PACKAGING

10.1-oz(30ml) cartridges.

COLORS

Clear, White, Dark Bronze, Almond, Black and Aluminum.

AVAILABILITY

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

LIMITATIONS

- Do not use on surfaces sensitive to corrosion by acetic acid vapors (a byproduct of sealant cure).
- 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 644 RTV silicone are easy to apply with conventional caulking equipment. Fill joint completely and tool.

Damaged Sealant can be repaired. Consult Tremco Technical Services or a Sales Representative for repair procedures.

CLEAN UP

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

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
100% Modulus		50 to 80 psi
Cure Time (1/8" thickness)		24 hr
Sag Resistance		0 to 0.4 mm
Service Temperature		-40 to 400 °F (-40 to 204 °C)
Shore A Hardness	ASTM C661	17 to 21
Tack Free Time		30 min
Tensile Strength		200 to 250 psi

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.

TP644RTV-DS/1222



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