



TECHNICAL DATA SHEET

TREMPRO® 635+

High-Performance, Fast-Curing,
Single Component, Medium Modulus,
Hybrid Polymer Sealant

PRODUCT DESCRIPTION

TREMPRO® 635+ is a durable, flexible, sealant that offers excellent performance in static and non-static joints and offers a strong adhesion profile once fully cured.

BASIC USES

TREMPRO® 635+ demonstrates excellent adhesion to a wide variety of substrates, including most metals, glass, vinyl, plastic, fiberglass, and composite substrates. TREMPRO® 635+ is specially designed for use as a topical sealant in the fabrication of RV's, cargo trailers, semi-trailers, trucks, buses, rail cars, specialty vehicles and residential windows.

FEATURES & BENEFITS

- Fast cure with a skin time of 20-40 minutes.
- Exceptional movement capability of $\pm 35\%$.
- Very Low VOC
- Paintable
- Will not crack or craze under UV exposure.
- SUPERIOR replacement for silicone sealants and high VOC thermoplastics & tripolymers
- Offered in a true, high quality clear

COVERAGE RATE

308 linear feet of joint per gallon for a 1/4" x 1/4" (6 mm x 6 mm) joint. For specific coverage rates that include joint size and usage efficiencies, visit our website usage calculator at www.tremcosealants.com.

PACKAGING

10.1-oz (300-mL) cartridges
10.1-oz (300-mL) sausages - clear only
20.3-oz (600-mL) sausages

COLORS

Standard Available Colors (special colors available upon request, must meet minimum order requirements):

- Clear
- Translucent
- White
- Black
- Gray

AVAILABILITY

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

STORAGE

Store TREMPRO® 635+ in original, undamaged packaging in a clean, dry, protected location with temperatures between 40 to 110 °F (5 to 43 °C).

APPLICABLE STANDARDS

TREMPRO® 635+ meets or exceeds the requirements of the following specifications:

- ASTM C920 Type S, Grade NS, Class 35, Use NT, M, A and O
- ASTM C1248
- U.S. Federal Specification TT-S-00230C Class A, Type II
- CAN/CGSB 19.13-M87
- UL 2079 (ASTM E 1966), CAN-4-S115M

FIRE RATED SYSTEMS

FF-D-1063, FW-D-1059, HW-D-1054, WW-D-1054

LIMITATIONS

- Do not apply over damp or contaminated surfaces.
- Do not use under polyurethane deck coatings.
- Don't use in chlorinated, potable, heavy or wastewater.
- Although TREMPRO® 635+ is paintable, this does not imply adhesion to and compatibility with all paints. Please refer to Tremco Technical Bulletin No. S-09-05 for more information.

SUBSTRATE PREPARATION

Surfaces must be sound and clean. All release agents, existing waterproofing, dust, loose mortar, paints, other finishes or field applied coating must be removed. This can be accomplished with a thorough wire brushing, grinding, sandblasting, or solvent washing, depending on the contamination.

Tremco recommends that surface temperatures be 40 °F (5 °C) or above at the time the sealant is applied

PRIMING

TREMPRO® 635+ typically adheres to common substrates without primers; however, due to the variability of substrate finishes such as Kynar and anodized aluminum, Tremco always recommends that a mockup or field adhesion test be performed on the actual materials being used on the job to verify the need for a primer, proper cleaning and prep requirements. A description of the field adhesion test can be found in appendix X1 of ASTM C1193, Standard Guide for Use of Joint Sealants.

Where deemed necessary, use TREMprime Silicone Porous Primer for porous surfaces and TREMprime Silicone Metal Primer for metals or plastics.

APPLICATION

TREMPRO® 635+ is easy to apply with conventional caulking equipment.

Fill the joint completely with a proper width-to-depth ratio and then tool to ensure intimate contact of sealant with joint walls.

Dry tooling is always preferred, although xylene can be used in limited amounts to slick the spatula if needed following the initial dry tooling.

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 RESULTS
Type		Single Component Polymer technology
Color		Clear, translucent, white, black, aluminum/gray, special colors
Solids		100%
Specific Gravity		1.454
Application		Gun-grade sealant, applied with typical caulking equipment
Surface Temperature		-40°F (-40°C) to 185°F (85°C)
Rheological Properties	ASTM C639	Non-sag (NS), 0" of sag in channel
Extrusion Rate	ASTM C1183	93.1 mL/min
Hardness Properties	ASTM C661	25-30
Weight Loss	ASTM C1246	Pass
Skin Time (tack free)	ASTM C679	20-40 minutes
Stain and Color Change	ASTM C510	No visible color change/No stain
Adhesion	ASTM C794	20 to 25 pli (89 to 112 N)
Tensile Strength	ASTM D412	250-300 psi
Effects of Accelerated Aging	ASTM C793	Pass
Movement Capability	ASTM C719	± 35%
Elongation	ASTM D412	400-600%
VOC	Grams/liter (g/l)	0

Tremco Commercial Sealants & Waterproofing | tremcosealants.com

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