



# TECHNICAL DATA SHEET

**TREMPRO® 638 SSL**  
Fast Cure, 100% Solids, Semi-Self  
Leveling Polyurethane Sealant

---

## PRODUCT DESCRIPTION

TREMPRO® 638 SSL is a high performance, low modulus, one-component, semi-self-leveling polyurethane sealant. The sealant cures to a flexible rubber when exposed to atmospheric moisture.

---

## BASIC USES

TREMPRO 638 SSL is specially designed for sealing level or slightly sloped joints and seams in railcar, truck trailer and utility trailer roof and floor assemblies. It can also be used in horizontal joints and seams in architectural panels and pre-engineered buildings.

---

## FEATURES & BENEFITS

- TREMPRO 638 SSL cures to withstand movement, shear, deflection and moisture in lap and butt joint applications.
- TREMPRO 638 SSL exhibits excellent adhesion to steel, painted metal, wood, vinyl, concrete and composite surfaces.
- The product can be painted shortly after it has developed a robust skin.

---

## PACKAGING

Quart (850-mL) cartridges, 5-gal (19-L) pails and 55-gal (208-L) drums

---

## COLORS

Gray.

---

## AVAILABILITY

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

---

## LIMITATIONS

- Do not apply over damp or contaminated surfaces.

---

## 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 steel wool or Scotch-Brite pad and/ or solvent wipe.

---

## APPLICATION

TREMPRO 638 is easy to apply with conventional caulking equipment. Fill joint or seam completely and tool. At 75 °F (23.9 °C), 50% RH, a durable skin forms within hours after application.

Damaged Sealant can be repaired. Consult Tremco Technical Service or your Tremco sales representative for repair procedures.

---

## JOINT BACKING

Closed cell polyethylene backer rods are preferred as joint backing to control depth of sealant bead. Where depth of joint will prevent use of joint backing, an adhesive-backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

---

## CLEAN UP

Tooling is recommended immediately 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 Xylol or Toloul 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 RESULTS
Effects of Accelerated Weathering		Passes
Extrusion Rate		10 to 15 seconds
Rheological Properties		Levels Moderately; Holds up to 5 to 6% slope
Skin Formation		40 to 60 minutes (typical)
Tab-Pull Adhesion		Passes (100% Cohesive Failure)
Tack Free Time		1 to 2 hr
Weight Loss		Less than 2%

Please refer to our website at [www.tremcosealants.com](http://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.

TP638SSL-DS/1222



Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



[tremcosealants.com](http://tremcosealants.com) | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122  
800.321.7906 | [tremcocpg.com](http://tremcocpg.com)