



# TECHNICAL DATA SHEET

## SPECTREM® 4-TS

Multi-Component, Non-Staining Sealant  
with Advanced Silicone Technology

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### PRODUCT DESCRIPTION

Spectrem® 4-TS is a multi-component, low-modulus, construction sealant with patented advanced silicone technology. Spectrem 4-TS is non-staining and low polar, which leads to reduced attraction to dirt and increased aesthetic appearance. The multi-component aspect of Spectrem 4-TS offers color flexibility on the job with the opportunity to tint material on site.

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### BASIC USES

Spectrem 4-TS has been formulated for use in dynamically moving building joints with  $\pm$  50% movement. Typical applications for Spectrem 4-TS include EIFS, expansion and control joints, tilt-up panel joints, precast concrete panel joints, and perimeter caulking (windows, doors, panels).

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### FEATURES & BENEFITS

Spectrem 4-TS offers low polar attraction to dirt, limiting accumulation and making buildings easier to clean and maintain. Additionally, Spectrem 4-TS works with the Tremco Universal Color Packs, which are available in 70 standard colors and come with no minimum purchase quantity to provide color flexibility for a seamless façade appearance. Spectrem 4-TS comes with a 20-yr non-staining warranty when pre-approved and tested by Tremco in accordance with ASTM C1248.

The low-modulus and low Shore A hardness of Spectrem 4-TS reduces the chance of EIFS substrate failures when compared to applications with medium-modulus sealants. Spectrem 4-TS is easy to apply with conventional caulking equipment and provides labor savings with its quick turn around when tinting materials on-site.

- Primerless adhesion to most construction materials
- Ease of use reduces the risk of application failure
- Extended tooling time and workability in high temperatures
- Low-VOC and zero-solvent content satisfies the LEED Indoor Environmental Criteria

There is no cure inhibition for Spectrem 4-TS with Spectrem 1, Spectrem 2, or Dymonic® FC when applied "wet-to-wet," minimizing the chance of leakage when sealants abut at glazing and other façade intersects.

Spectrem 4-TS meets or exceeds the requirements of the following specifications:

- ASTM C920, Type M, Grade NS, Class 50, Use NT, G, M, A, and O
- U.S. Federal Specification TT-S-00230, Type I, Class A
- U.S. Federal Specification TT-S-001543A, Class A
- Canadian Standard CAN/CGSB-19.13-M87
- EIMA Test Method 300.01
- ASTM C 1382

The Greenguard Gold certification on Spectrem 4-TS ensures safety for use in the most sensitive indoor environments including hospitals and schools.

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### AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 1.5 gal (5.7 L) pails.

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### COLORS

Spectrem 4-TS is compatible with the Tremco Universal Color Packs, available in 70 standard colors, and can be custom matched to virtually any color upon request. Contact Tremco Customer Service for more information.

## LIMITATIONS

Do not apply to damp or contaminated surfaces. Not intended for continuous water immersion. Use with adequate ventilation.

## 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
<b>As Supplied:</b>		
Tack Free Time	ASTM C679	2 hours
Tooling Time	Skin Formation	40 min
<b>As Cured, After 14 Days at 77°F (25°C), 50%RH:</b>		
Joint Movement Capability Extension Compression	ASTM C719	± 50%
Hardness (Shore A)	ASTM C661	15
Peel Strength Aluminum & Glass	ASTM C794	25 to 35 pli minimum
Application Temperature Range		-40 to 300 °F (-40 to 148 °C)
Staining of Porous Substrates White Marble Primed & Unprimed	ASTM C1248	No Stain
Tear strength, Die ("C")	ASTM D624	25 to 30 pli minimum
Tensile Strength at Max Elongation	ASTM D412	110 to 130 psi
100% Modulus		30 to 35 psi

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.

SP4TSDS/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.



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