



TECHNICAL DATA SHEET

SPECTREM® 4-TS

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

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.

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).

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.

AVAILABILITY

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

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

As Supplied:

Tack Free Time

ASTM C679

2 hours

Tooling Time

Skin Formation

40 min

As Cured, After 14 Days at 77°F (25°C), 50%RH:

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 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.

