



TECHNICAL DATA SHEET

SPECTREM® 2

Single-Component, Neutral-Cure
Silicone Sealant for 2-Sided
Structural Glazing

PRODUCT DESCRIPTION

Spectrem® 2 is a high-performance, single-component, neutral-cure, medium-modulus silicone sealant.

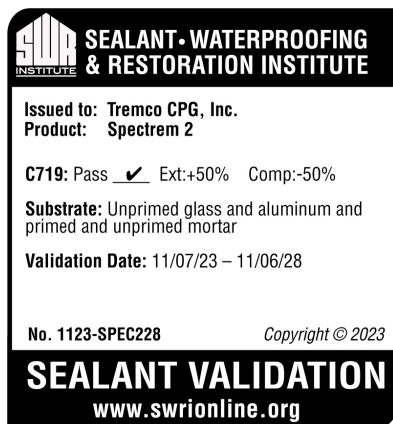
BASIC USES

Spectrem 2 is ideal for a variety of perimeter caulking and glazing applications, including 2-sided structural glazing. Spectrem 2 may be used on substrates such as aluminum, glass, steel, painted metal, plastic, stone, concrete, and brick.

FEATURES & BENEFITS

The medium modulus of Spectrem 2 allows it to be used as a structural tensile bead and weather sealant. Spectrem 2 offers excellent adhesion to a variety of substrates including glass and metal, making it the perfect single product to be used for a variety of applications on the same job from 2-sided structural glazing to perimeter caulking and joint filling. Spectrem 2 has been tested for compatibility and approved for use with Tremco's Silicone Compatible Rubber Extrusions and Tremco's SGT-900 and SGT-2000 series of tapes.

There is no mixing required with Spectrem 2, so the product is always ready to use for immediate application with conventional caulking equipment. Spectrem 2 provides resistance to driving rain, ozone, ultra-violet light and temperature extremes, plus it safeguards against water penetration with exceptional weatherability in all climate zones.



Spectrem 2 is offered in a wide variety of colors, with custom colors and color matching also available for special projects.

Spectrem 2 meets or exceeds the following specifications:

- ASTM C920 Type S, Grade NS, Class 50, Use NT, M, G, A, and O
- ASTM C1248
- ASTM C1184
- U.S. Federal Specification TT-S-001543A (COM-NBS) Class A
- U.S. Federal Specification TT-S-00230C (COM-NBS) Class A, Type II
- CAN/CGSB 19.13-M87
- Black meets all of AAMA 802.3-92 (Type I and II), 805.2-94 (Group C), and 808.3-92
- Conforms to ASTM C1184 Use G and O (Aluminum)

The Greenguard Gold certification on Spectrem 2 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 10.1 oz (300 mL) cartridges, 20 oz (600 mL) sausages, and 55 gal (208 L) drums.

COLORS

Available in Adobe Tan, Aluminum Stone, Anodized Aluminum, Black, Bronze, Buff, Champagne, Charcoal, Clear, Dark Bronze, Gray, Ivory, Light Bronze, Limestone, Off White, Precast White, Rustic Brick, Sandstone and White.

All colors are not available in all package sizes. Some colors may require a minimum quantity. 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.

Only Black Spectrem 2 is recommended for structural glazing applications.

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:		
Flow, Sag or Slump Inches	ASTM C639	Nil
Sag	ASTM D2202	0 to 0.03 in (0 to 0.1 mm)
Tack Free Time	ASTM C679	20 to 40 min
Tooling Time	Skin Formation	10 to 15 min
As Cured, After 14 Days at 77°F (25°C), 50%RH		
Cyclic Movement	ASTM C719	±50%
Elongation	ASTM D412	235 to 260%
Hardness (Shore A)	ASTM C661	37 to 40
Peel Strength Aluminum & Glass	ASTM C794	16 to 22 pli (28.1 to 3.86 kN/m)
Staining of Porous Substrates, White Marble Primed & Unprimed	ASTM C1248	No Stain
Tear Strength, Die ("C")	ASTM D624	35 to 40 pli (6.14 to 7.02 kN/m)
Tensile Strength at 100% Elongation	ASTM C1135	90 to 100 psi (0.62 to 0.69 MPa)
Tensile Strength at Max Elongation	ASTM D412	220 to 230 psi (1.52 to 1.59 MPa)
As Cured, After 21 Days at 77°F (25°C), 50%RH		
Ultimate Elongation	ASTM C1135	261%
Ultimate Tensile Strength	ASTM C1135	123 psi (0.85 MPa)



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.

SPEC2DS/0724

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.

