



TECHNICAL DATA SHEET

SPECTREM® 3

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

PRODUCT DESCRIPTION

Spectrem® 3 is a single-component, neutral-cure, low-modulus, construction grade sealant with patented advanced silicone technology. Spectrem 3 is non-staining and low polar, which leads to reduced attraction to dirt and increased aesthetic appearance.

BASIC USES

Spectrem 3 has a patented chemistry that has been specifically formulated to seal porous stone, EIFS, metal panels, masonry, and pre-cast concrete joints.

FEATURES & BENEFITS

Spectrem 3 offers low polar attraction to dirt, limiting accumulation and making buildings easier to clean and maintain. Additionally, Spectrem 3 has a matte finish, which creates an aesthetically pleasing appearance with EIFS and stone substrates. Spectrem 3 comes with a 20-yr non-stain warranty when pre-approved and tested by Tremco in accordance with ASTM C1248.

The low-modulus and low Shore A hardness of Spectrem 3 reduces the chance of EIFS substrate failures when compared to applications with medium-modulus sealants. Spectrem 3 is easy to apply with conventional caulking equipment.

- Primerless adhesion to most porous substrates
- 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 3 with Spectrem 1, Spectrem 2, Dymonic® FC when applied "wet-to-wet," minimizing the chance of leakage when sealants abut at glazing and other façade intersects.

Spectrem 3 meets or exceeds the requirements of the following specifications:

- ASTM C920 Type S, Grade NS, Class 50*, Use NT, M, G, A and O
- ASTM C1248
- ASTM C1382
- U.S. Federal Specification TT-S-001543A Class A
- U.S. Federal Specification TT-S-00230, Type II Class A
- CAN/CGSB 19.13-M87
- EIMA Test Method 300.01

The Greenguard Gold certification on Spectrem 3 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.

COLORS

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

Available packaging options:

- 10.1 oz (300 mL) cartridges
- 20 oz (600 mL) sausages

All colors are not available in all package sizes. Special colors and packaging available upon request. Minimum order requirements exist. 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

Tremco warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to Tremco Products.

Tremco's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of Tremco Products proven to be defective, and Tremco shall not be liable for any loss or damage.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
As Supplied:		
Tack Free Time	ASTM C679	2 hr
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
Stain & Color Change	ASTM C510 TT-S-001543A	No Stain
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	155 psi
Tensile Strength at Max Elongation 100% Modulus	ASTM D412	55 psi
Tensile Strength at Max Elongation 50% Modulus		40 psi
Tensile Strength at Max Elongation 25% Modulus		25 psi
Service Temperature Range		-40 to 300°F (-40 to 149°C)

