

Spectrem® 1 Silicone

Glazing Transition Sealant



DESCRIPTION:

Spectrem® 1 is a high-performance, single-component, moisture-cure, ultra-low modulus silicone sealant that's unique formulation allows it to adhere to the most challenging materials, including self-adhered window flashings. Spectrem 1 has outstanding adhesion, compatibility and best-in-class movement capability of +100/-50%. With over 30 years of history, Spectrem 1 gives architects, consultants and contractors the best choice for sealant applications to window flashing and fenestration materials.

APPLICATIONS:

- Peel-and-stick membranes and fluid, weather-resistant barriers
- Dynamic moving joints
- Adhesion to termination lap edges of sheet membranes
- Challenging interface transitions in building enclosures
- Weather-barrier penetrations
- Recommended for use with Tremco's Proglaze® ETA System and Silicone Rubber Extrusions



FEATURES & BENEFITS:

- Primerless adhesion to a wide range of building materials
- Over 30 years of proven-performance history
- Simplifies one sealant application for both interfaces and weather-sealing
- Compatible to self-adhered membranes*
- Movement capability of +100/- 50% in a properly designed joint
- Ultra low-modulus reduces stress at the bond line
- UV resistant, will not become brittle or crack
- Wide variety of colors available
- GREENGUARD Gold Certification

Primerless Adhesion/Compatibility of Tremco's Spectrem 1 Silicone Glazing Transition Sealant with Weather Barrier Substrates (Partial list only)¹

WINDOW FLASHING PRODUCTS
ExoAir® 110 & 111/Dymonic® 100 Fluid Flashing
Grace Vycor®/Perm-A-Barrier® Wall Membrane ²
Carlisle CCW 705 ³
Meadows AirShield Self-Adhered Membrane ⁴
Henry Blueskin SA ⁵
Sto Gold® & EmeraldCoat® ⁶
Dryvit Backstop® NT ⁷
Kynar® Polyvinylidene Fluoride (PVDF) ⁸
Duranar® Liquid Coatings ⁹

**Pre-construction testing is required to confirm compatibility with any non-Tremco sheet membrane.*

SEALANT-WATERPROOFING & RESTORATION INSTITUTE

Issued to: **Tremco Incorporated**
 Product: **Spectrem® 1**
 C719: Pass Ext:+100% Comp:-50%

Substrate: Mortar, Concrete, Aluminum, and Glass [mortar and concrete tested unprimed and primed with Tremprime Silicone Porous Primer]

Validation Date: 12/19/14 - 12/18/19

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SEALANT VALIDATION
www.swrionline.org

¹This is only a partial list, please contact your local Tremco Sales Representative for further material compatibility.

²Registered trademark of W.R. Grace & Co.

³Trademark of Carlisle.

⁴Trademark of W.R. Meadows.

⁵Registered trademark of Henry Company Canada, Inc.

⁶Registered trademark of Sto Corp.

⁷Registered trademark of Dryvit Systems, Inc.

⁸Registered trademark of PPG Industries Ohio, Inc.

⁹Registered trademark of PPG Industries Ohio, Inc.

** Product formulations are subject to change, Tremco strongly recommends adhesion and compatibility testing prior to use.*

PROPERTY	TEST METHOD	VALUES
CHEMICAL COMPATIBILITY OF SEALANTS AND SELF-ADHERED MEMBRANES	AAMA 713	PASS Level 3 (ExoAir 110, ExoAir 111, ExoAir TWF)
DUROMETER (SHORE A)	ASTM C661	15
ADHESION	ASTM C794	>30 PLI (Variety of substrates, self-adhered and fluid membranes)
MOVEMENT, EXTENSION/COMPRESSION	ASTM C719	+100/-50%
STAINING	ASTM C1248	No stain
TENSILE, MAXIMUM	ASTM D412	200 psi
ELONGATION	ASTM D412	2140%
SURFACE BURNING & SMOKE DEVELOPMENT	ASTM E84	Flame = 5 Smoke Development = 25
ASSEMBLY TESTING	ASTM E2357, E330, E331, & NFPA 285	PASS (as a component in many assemblies)
SHELF LIFE	N/A	12 months
VOC CONTENT	Method 310	1 g/L

PACKAGING

10.1 - oz (300-mL) cartridges
 20-oz (600-mL) sausages
 2-gal (7.6-L) and 4.5-gal (17-L) pails
 55-gal (208-L) drums

All colors are not available in all package sizes. Contact Tremco Customer Service for more information

COLORS

- Aluminum Stone
- Anodized Aluminum
- Gray
- Limestone
- White,
- Off White
- Precast White
- Bronze
- Buff
- Dark Bronze
- Ivory
- Rustic Brick
- Sandstone
- Black
- Adobe Tan
- Champagne
- Charcoal

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.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

Information may vary by region. For specific information, please contact your local Tremco CSW representative.