

Product Description

Spectrem® Simple Seal is an ultra-low modulus, preformed silicone extrusion specifically designed to have high elongation properties. Simple Seal is typically bonded with Spectrem 1 or Spectrem 2* Silicone Sealant to a wide range of substrates to provide a watertight seal.

Benefits of Spectrem® Simple Seal include:

- Cost effective alternative to cutting out existing failed sealant
- High flexibility and movement capability
- High tear resistance
- Ease of installation
- Color fast formulation
- Wide operational temperature range
- Non-corrosive and corrosion resistant
- Resistant to UV exposure and weathering
- Capable of sealing high movement joints
- Well suited for soft and sensitive substrates such as EIFS

Basic Uses

Tremco Spectrem Simple Seal is designed for both new construction and restoration work involving window perimeter, EIFS joints, parapet walls, skylights, aluminum window seals, transition seals, curtain wall joints, sheet metal roof joints, and other lap joints.

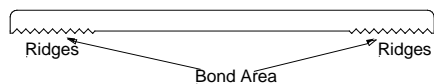
Packaging

Widths 9" (229 mm) and smaller are available in 100' (30.5 M) rolls.

Widths 10" (254 mm) and larger are available in 50' (15.2 M) rolls.

Standard Sizes

1", 1.5", 2" and 3", 4", and 6" (25, 38, 51, 76, 102 and 152 mm) widths. 12" available in Anodized Aluminum only. Standard thickness is 0.078" (2 mm).



Special Sizes

Other sizes available include 2-1/2" (64 mm), 5" (127 mm) and 7" (178 mm) to 14" (355 mm) in 1" (25 mm) increments.

Custom Sizes

Custom sizes and/or geometries are available upon request. Please contact your sales representative or Tremco Technical Services for assistance. Lead times and costs will vary based on the request.

Standard Colors

Aluminum Stone, Anodized Aluminum, Black, Bronze, Limestone, Sandstone, and White.

Special Colors

Buff, Champagne, Dark Bronze, Dusty Rose, Gray, Ivory, Light Bronze, Off White, Precast White, and Rustic Brick.

Custom Colors

Custom color matching is available. Please contact your sales representative or Customer Service representative for assistance. Lead times and costs will vary based on the request.

SEALANT - WATERPROOFING & RESTORATION INSTITUTE

Issued to: Tremco Incorporated
Product: Spectrem® Simple Seal

ASTM C 1523-10: Determining Modulus, Tear and Adhesion Properties of Pre-cured Elastomeric Joint Sealants

Movement, Cohesion & Adhesion: 200%

Dry/Room Temperature Loss of Adhesion/Cohesion Pass ✓

Water Immersion Loss of Adhesion/Cohesion Pass ✓

Frozen Loss of Adhesion/Cohesion Pass ✓

Heat Loss of Adhesion/Cohesion Pass ✓

Artificial Weathering Loss of Adhesion/Cohesion Pass ✓

Tear Propagation: PT/Knotty

ASTM D 412: Vulcanized Rubber and Thermoplastic Elastomers - Tension

Ultimate Elongation Results: 554%

Validation Date: 11/17/16 – 11/16/21
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PRE-CURED SEALANTS VALIDATION
www.swrionline.org

Limitations

Do not apply on damp or contaminated surfaces.

Do not use clear silicone sealant for the application of Spectrem Simple Seal.

Spectrem Simple Seal should not be used under the following conditions:

- Below grade or below water line applications
- Joints where physical abrasion and abuse may occur, such as traffic joints
- In association with building materials that release oils, plasticizers or other material

Surface Preparation

Surface must be sound, clean, and dry. Contact surfaces should be free of loose dirt, dust, oils, and any other contaminants. Tremco recommends that air temperatures be 40 °F (5 °C) or above before applying any sealant. If colder weather is imminent, please refer to the Tremco Guide for Cold Weather Applications at www.tremcosealants.com.

Masking

Apply masking tape to the substrate surface at the width edges of the Spectrem Simple Seal to provide a clean edge.

Application

Select the width of Spectrem Simple Seal wide enough so that the ridges are fully encapsulated by the sealant when installed over the joint. Apply Spectrem 1 or Spectrem 2* to each side of the joint with beads large enough to encapsulate the width of the ridges. Immediately embed the Spectrem Simple Seal into the wet sealant. Using a roller, apply consistent pressure to ensure uniform contact. Remove masking tape and any excess sealant.

Spectrem® Simple Seal

Extruded Silicone Bridge

Detailed application instructions are available from Tremco Technical Services or www.tremcosealants.com.

Availability

Availability and cost may be obtained from your local Tremco Field Representative, or by contacting our Customer Service Department in Beachwood, Ohio at 800-321-7906, or Toronto at 800-363-3213.

Maintenance

Damaged Spectrem Simple Seal can be repaired. Contact your local Tremco Sales Representative or Tremco Technical Services for repair procedures.

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.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULTS
Shore A hardness	ASTM D2240	29 to 32
Tensile strength	ASTM D412	218 psi
Elongation at break	ASTM D412	554%

TESTED IN ACCORDANCE WITH ASTM C1518 Specification for Procured Elastomeric Silicone Joint Sealants

PROPERTY	TEST METHOD	TYPICAL RESULTS
Tear propagation	ASTM C1523 9.4	Class PT (partial tear)
Movement Class	ASTM C1523 9.1	Class 200%
Heated conditions resistance	ASTM C1523 8.2.4	Pass (Class 200%)
UV resistance	ASTM C1523 8.2.5.1	Pass (Class 200%)
Frozen conditions resistance	ASTM C1518 8.2.3	Pass (Class 200%)

- Spectrem 1 is the recommended silicone sealant to be used; Spectrem 2 may be suitable for use, adhesion to the existing substrate must be confirmed. **Contact Technical Services for a recommendation on the specific Spectrem Silicone Sealant to use for your application.**

Spectrem® Simple Seal

Extruded Silicone Bridge

Standard Stock Sizes: 1", 1.5", 2", 3", 4", 6" Wide (25, 38, 51, 76, 102 and 152 mm) 12" Available in Anodized Aluminum only. (Highlighted below)

Standard Stock Colors: Anodized Aluminum, Aluminum Stone, Black, Bronze, Limestone, Sandstone, and White, (Highlighted below)

WIDTH IN INCHES (MILLIMETERS)	STOCK SIZE	STOCK COLOR (Black, White, Anodized Aluminum, Bronze, Aluminum Stone)	LEAD TIME	MINIMUM ORDER QTY. IN FEET (METERS)	SELLING UNIT OF MEASURE	FEET (METERS)/ CASE	SPECIAL COLORS
1 (25)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Buff
1.5 (38)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Champagne
2 (51)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Dark Bronze
2.5 (64)	NO	NO	3 WEEKS	500 (152.4)	1 ROLL	100 (30.5)	Dusty Rose
3 (76)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Gray
4 (102)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Ivory
5 (127)	NO	NO	3 WEEKS	500 (152.4)	1 ROLL	100 (30.5)	Light Bronze
6 (152)	YES	YES	4 DAYS	100 (30.5)	1 ROLL	100 (30.5)	Off White
7 (178)	NO	NO	3 WEEKS	500 (152.4)	1 ROLL	100 (30.5)	Precast White
8 (203)	NO	NO	3 WEEKS	500 (152.4)	1 ROLL	100 (30.5)	Rustic Brick
9 (229)	NO	NO	3 WEEKS	500 (152.4)	1 ROLL	100 (30.5)	
10 (254)	NO	NO	3 WEEKS	250 (76.2)	1 ROLL	50 (15.2)	
11 (279)	NO	NO	3 WEEKS	250 (76.2)	1 ROLL	50 (15.2)	
12 (305)	NO	NO*	3 WEEKS	250 (76.2)	1 ROLL	50 (15.2)	
13 (330)	NO	NO	3 WEEKS	250 (76.2)	1 ROLL	50 (15.2)	
14 (356)	NO	NO	3 WEEKS	250 (76.2)	1 ROLL	50 (15.2)	

* 12" available in Anodized Aluminum with 3-day lead time.

0818/SPECSSDS-GL

Tremco Commercial Sealants & Waterproofing

3735 Green Rd
Beachwood OH 44122
216.292.5000 / 800.321.7906

1451 Jacobson Ave
Ashland OH 44805
419.289.2050 / 800.321.6357

220 Wicksteed Ave
Toronto ON M4H1G7
416.421.3300 / 800.363.3213

1445 Rue de Coulomb
Boucherville QC J4B 7L8
514.521.9555

