



TECHNICAL DATA SHEET

SPECTREM® SIMPLE SEAL

Extruded Silicone Bridge

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.

**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.*

BASIC USES

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.

FEATURES & BENEFITS

Spectrem Simple Seal is an easy-to-install silicone extrusion. It offers a cost effective alternative to cutting out existing failed sealant when doing restorative work. Simple Seal is well suited for soft and sensitive substrates such as EIFS.

- High flexibility and movement capability
- High tear resistance
- Color fast formulation
- Wide operational temperature range
- Capable of sealing high movement joints

Simple Seal is a non-corrosive and corrosion resistant material. Additionally, it has been formulated to be resistant to UV exposure and weathering.

AVAILABILITY

Spectrem Simple Seal is readily available in a variety of colors and sizes. Custom sizes and/or geometries are available upon request. Please contact your local Tremco Sales Representative or Tremco Technical Services for assistance. Lead times, MOQs, and costs will vary based on the request.

The Standard Size widths are 1", 1.5", 2", 3", 4", and 6" (25, 38, 51, 76, 102, 152 mm). Only certain colors of standard sizes are stocked. The standard thickness is 0.078" (2 mm).

Special Sizes include 2.5" (64 mm), 5" (127 mm), and 7" (178 mm) to 14" (355 mm) in 1" (25 mm) increments. No colors of special sizes are stocked.

**See Spectrem Simple Seal Size and Color reference sheet via www.tremcosealants.com for additional information on availability.*

COLORS

Spectrem Simple Seal is offered in a variety of colors including Aluminum Stone, Anodized Aluminum, Black, Bronze, Buff, Champagne, Dark Bronze, Dusty Rose, Gray, Ivory, Light Bronze, Limestone, Off White, Precast White, Rustic Brick, Sandstone, and White. Lead times, MOQs, and costs will vary based on the request.

**SEALANT-WATERPROOFING
& RESTORATION INSTITUTE**

Issued to: Tremco CPG Inc.
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: 584%

Validation Date: 8/15/22 – 8/14/27
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PRE-CURED SEALANTS VALIDATION
www.swrionline.org

Custom color matching is available. Please contact your local Tremco Sales Representative or Tremco Customer Service Representative for assistance. Lead times, MOQs, and costs will vary based on the request.

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LIMITATIONS

Do not apply on damp or contaminated surfaces. Do not use a 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

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
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%)

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.

SPECSSDS/0823

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.

