

TREMCO®

Spectrem® 3



Non-Staining, Long Tooling Time, Low-Modulus Silicone Sealant

Product Description:

A general-purpose, low-modulus, high-performance, one-part, neutral-curing, non-staining, construction-grade silicone sealant.

Basic Uses:

Spectrem 3 has been formulated to offer exceptional physical properties, making it ideal for sealing dynamically moving joints associated with material having a high coefficient of linear expansion such as EIFS, aluminum curtain walls, metal panels and window perimeters. This patented formula has extended the tooling time at high temperatures. Spectrem 3 provides high performance capabilities and the unique ability to apply in bulk over a broad temperature range.

Limitations:

- Do not apply to damp or contaminated surfaces.
- Use with adequate ventilation.

Packaging:

1/12 gallon (300mL) cartridges, 20.3 oz. (600mL) sausages, 2 gallon (7.6 L) and 4.5 gallon (17 L) pails and 55 gallon (208.2 L) drums.

Standard Colors:

Adobe Tan, Aluminum Stone, Anodized Aluminum, Black, Blue Spruce, Bronze, Buff, Charcoal, Champagne, Dark Bronze, Dusty Rose, Gray, Ivory, Light Bronze, Limestone, Off White, Precast White, Rustic Brick, Sandstone and White.

Applicable Standards:

Conforms to ASTM C920 Type S, Grade NS, Class 50, use NT, G, M, A and O and CAN/CGSB-19.13-M87, U.S. Federal Specification TT-S-

00230 Class A, and U.S. Federal Specification TT-S-001543A Class A, ASTM C1382, EIMA Test Method 300.01

INSTALLATION

Joint Design:

May be used in any joint designed in accordance with accepted architectural/engineering practices. Joint width should be 4 times anticipated movement, but not less than 1/4 inch (6.4mm) wide.

Joint Dimensions:

For joints 1/4 inch (6.4mm) to 1/2 inch (12.7mm) wide, the width to depth ratio should be equal. Joints 1/2 inch (12.7mm) wide or greater should have a depth of 1/2 inch

(12.7mm). Minimum joint size 1/4 inch by 1/4 inch (6.4mm by 6.4mm).

Surface Preparation:

For good adhesion, the joint interface must be sound, clean and dry. Depending on the substrates, the joint surface may require a thorough wire brushing, grinding, sandblasting, solvent washing and/or primer.

Tooling & Cleaning:

Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred. Cleaning can be accomplished with solvents such as IPA or MEK while sealant is in an uncured state.



Joint Backing Bond Breaking Tape:

Closed cell polyethylene backer rods are preferred as joint backing to control depth of sealant bead. Where depth of joint will prevent use of joint backing, an adhesive backed polyethylene tape should be installed to prevent three-sided adhesion. Joint backing must be dry at time of sealant application.

Application:

Spectrem 3 is easy to apply with conventional caulking equipment. Fill joint completely and tool. At 75°F (23.9°C), 50% R.H. tooling time is 1 hour.

Maintenance:

Damaged sealant can be repaired. Consult your Tremco Distributor or Representative for repair procedures.

Availability:

Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

Warranty:

Tremco warrants its Sealants to be free of defects in material. But makes no warranty as to appearance or color. Since method 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 Sealants. Tremco's sole obligation shall be at its option, to replace, or to refund the purchase price of the quantity of Sealant proved to be defective and Tremco shall not be liable for any loss or damage.

For MSDS and Spec Data Sheets,
Call our 24 Hour Fax-Back Line:

1-800-551-2806

or visit our website:

www.tremcosealants.com

TYPICAL PHYSICAL PROPERTIES

As Supplied:

ASTM C-679	Tooling Time	90 minutes
ASTM C-510 (TT-S-001543A)	Stain and Color change	None
ASTM C-719	Joint movement capability Extension Compression	±50%

As Cured: After 14 days at 25°C (77°F) and 50% R.H.

ASTM C-661	Hardness; Shore "A" After 14 days at 25°C (77°F).	15
ASTM D-412	Tensile Strength at Max Elongation 100% Modulus	140 psi 16 psi
ASTM D-624	Tear Strength (die "C")	25 pli min.
ASTM C-794	Peel Strength Aluminum, Glass, Concrete Temperature Range	15 pli min. -40°F to +300°F

NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.



TREMCO

Sealant/Weatherproofing Division

3735 Green Road • Beachwood, Ohio • 44122 • Phone: (216) 292-5000 • (800) 321-7906
220 Wicksteed Avenue • Toronto, ON M4H 1G7 • Phone: (416) 421-3300 • (800) 363-3213