

SPECTREM 800

TRAFFIC-GRADE SILICONE SEALANT



DESCRIPTION

Spectrem 800 is a single-component, moisture cure, silicone sealant ideal for parking structures and highway joints where high movement capability is needed.

PRODUCT CHARACTERISTICS

BASIC USES

- Highways
- Airport joints
- Bridge joints
- Parking structures

FEATURES & BENEFITS

Spectrem 800 is an easy to use, gun-grade silicone sealant. There is no mixing required, guaranteeing that Spectrem 800 is always ready to use for immediate application with conventional caulking or highway sealing equipment. The low modulus and high movement characteristics of Spectrem 800 make it suitable for sealing the most demanding dynamically moving joints typical of highway and bridge construction.

Spectrem 800 meets or exceeds the requirements of the following specifications:

- ASTM C920
- ASTM D5893
- U.S. Federal Specification TT-S-00230C (COM-NBS), Type II, Class A
- U.S. Federal Specification TT-S-001543 (COM-NBS), Class A
- U.S. Federal Specification SS-S-200E
- CAN/CGSB-19.3-M87
- MCG-2-40-B-N

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

TEST METHOD	TEST PROPERTY	TYPICAL RESULTS
As supplied:		
ASTM C639	Flow, Sag or Slump	Nil
-	Extrusion Rate	20 to 35 sec per 20g at 60 psi
-	Specific Gravity	1.35
ASTM C679	Skin Time (at 25°C, 50% RH)	30 to 60 min
ASTM C679	Tack-free Time (at 25°C, 50% RH)	60 to 90 min
-	Cure Time (at 25°C, 50% RH)	7 to 14 days
-	Full Adhesion (at 25°C, 50% RH)	14 to 21 Days
As cured, after 21 days at 25°C, 50% RH:		
ASTM D412	Elongation	1000%
ASTM D412	Modulus (at 100% psi maximum)	15 to 30
ASTM C661	Shore A Hardness	15
ASTM C719	Joint Movement Capability (at +100/-50% for 10 cycles)	No failure
ASTM C794	Adhesion to Concrete, Minimum Percent Elongation	+ 500%

Spectrem 800 (1) April 2025

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COLOURS

Spectrem 800 is available in Limestone.

Special colours available on request. Minimum order requirements exist for special colours. Contact Tremco for more information.

PRECAUTIONS / LIMITATIONS

- Do not apply to damp or contaminated surfaces.
- Not intended for continuous water immersion.
- Use with adequate ventilation.