



## Spectrem 900SL

### Self-Levelling, Jet-fuel Resistant Silicone Sealant

#### DESCRIPTION

Spectrem 900SL is a low modulus, high performance, jet-fuel resistant, one-part, gun grade, silicone highway and airport runway joint sealants.

#### BASIC USES

Spectrem 900SL has exceptional physical properties making it ideal for sealing the most demanding dynamically moving joints and horizontal applications. It is formulated for highway, airport, bridge joints, and parking structures where high movement occurs.

#### FEATURES & BENEFITS

- Silicone sealant for rigid concrete pavement for highway, bridge, and parking structures.
- Low modulus.
- Self-levelling.
- Can be used for both concrete and asphalt application.
- Jet fuel resistant for airport application.

#### PACKAGING

850 mL cartridges, 17.1 L pails and 190 L drums.

#### COLOURS

Limestone and Dark Gray

#### SHELF LIFE

In the original unopened packaging the sealant has a 12 month shelf life from the date of manufacturing.

#### DIRECTIONS FOR USE

##### Joint Design

- May be used in any joint design in accordance with accepted highway/airport engineering practice.
- Spectrem 900SL should be no thicker than 12.7mm and no thinner than 6.4mm.
- Sealant accepts +100%/-50% of installed width; however, Tremco recommends joint movement design  $\pm 25\%$  movement. Sealant surface should be recessed 6 - 9 mm below pavement surface.

##### Surface Preparation

- For good adhesion, the joint interface must be sound, clean and dry.
- Concrete joints should be fresh saw cut or sand blasted and blown clean with oil free compressed air.

##### Tooling & Cleaning

- For Spectrem 900SL, tooling is generally not required. Sealant should be recessed 6 - 9 mm below pavement surface.
- Cleaning can be accomplished with solvents such as IPA, Xylol, Toluol or MEK while sealant is in uncured state.

##### Joint Backing

- 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 must be installed to prevent three side adhesion.
- Joint backing must be dry at time of sealant application.

##### Application

- Spectrem 900SL is easy to apply with conventional caulking or highway sealing equipment.
- Fill joint while maintaining recess and tool. At 24°C, 50% R.H. a durable skin will form within 60 minutes

## LIMITATIONS

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

## WARRANTY

Tremco CPG APAC products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG APAC written instructions and (b) in any application recommended by Tremco CPG APAC, but which is proved to be defective, will be replaced free of charge. No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG APAC reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

PROPERTY	TYPICAL VALUES
Flow, Sag, Slump	Self leveling
Extrusion Rate	10-14 sec./20g @60 psi (0.4 MPa)
Specific Gravity	1.3
Skin-Over Time, at 25°C 50% RH	30-80 min.
Tack-Free Time, at 25°C 50% RH	5 Hours
Cure Time, at 25°C 50% RH	14 Days
Full Adhesion, at 25°C 50 RH	14 - 21 Days
As Cured at 25°C 50% RH	7 Days Cured
Elongation	1000%
Shore A	8-10
Joint Movement Capability, +100/-50%, 10 cycles	No Failure
Adhesion to Concrete, minimum percent elongation	+600%
Adhesion to Asphalt, minimum percent elongation	+600%
Viscosity (4 spindle, 10 rpm)	Between 90,000 to 150,000 cps

*To find your local office address and contact details, visit*

[www.tremcocpg-asiapacific.com](http://www.tremcocpg-asiapacific.com)