

# Silicone Joint Sealant

## Self Leveling / Non Sagging



PERFORMANCE VERIFIED PRODUCT

**✓ CERTIFIED**  
PRODUCT PERFORMANCE  
FIELD AND AGENCY TESTED



**CRAFCO**<sup>TM</sup>  
AN **ERGON** COMPANY **INC**

*"Pavement Preservation Products"*



# RoadSaver Silicone Sealant



**RoadSaver Silicone SL**

**C**rafcro RoadSaver Silicone SL is a low modulus silicone which offers the performance and durability characteristics of conventional non-sag silicone with the ease of installation of self-leveling materials. Crafcro RoadSaver Silicone SL is supplied as a ready to use one component moisture curing system. RoadSaver Silicone SL offers outstanding weathering resistance, remains flexible down to temperatures as low as -50°F (-46°C), is jet-blast resistant and will maintain field serviceability when exposed to intermittent fuel and oil spills. It bonds strongly to concrete joints without the use of a primer. Crafcro RoadSaver Silicone SL can be used in all typical concrete joint applications on highway and airfield pavements in all climates. RoadSaver Silicone sealant is compatible with asphalt pavement. The leveling characteristics insure that the required joint wetting for development of appropriate adhesion occurs during application, with no tooling required. RoadSaver Silicone SL has been a top performing quality Crafcro product for over 15 years, and has achieved the Crafcro CERTIFIED PERFORMANCE designation.



**RoadSaver Silicone NS**

**C**rafcro RoadSaver Silicone NS is a uniquely formulated low modulus non sag silicone for sealing joints in Portland cement concrete pavements in all climates. The product is supplied as a ready-to-use, one component moisture curing system, which provides a lasting and flexible seal. Crafcro RoadSaver Silicone can be used in all typical concrete joint applications, on highway and airfield pavements, and is compatible with asphalt pavement. Crafcro RoadSaver Silicone offers outstanding weathering resistance, remains flexible down to temperatures as low as -50°F (-46°C), is jet-blast resistant, and will maintain field serviceability when exposed to intermittent fuel and oil spills. The sealant bonds strongly to Portland cement concrete joints without the use of a primer. To achieve the proper joint configuration, Crafcro Silicone NS must be tooled. RoadSaver Silicone has been a top performing quality Crafcro product for over 15 years, and has achieved the Crafcro CERTIFIED PERFORMANCE designation.

Crafcro RoadSaver Silicone sealants are uniquely formulated low modulus sealants produced for sealing joints in Portland cement concrete pavements. The sealants are supplied as single component moisture curing materials which provide lasting weather resistant flexible seals. The sealants are supplied in both non sag (NS) (Part No. 34902) and self leveling (SL) (Part No. 34903) application consistencies. Sealant is supplied in package sizes including 55 gal steel drums containing 50 gallons (189 L), 5gal (19 L) plastic pails and quart plastic caulking tubes containing 29 ounces (0.82L).

Crafcro RoadSaver Silicone conforms to specifications for low modulus silicone for many highway departments, federal agencies and the FAA. The product also meets and exceeds all requirements of ASTM D5893 "Standard Specification for Cold-Applied Single Component, Chemically Curing Silicone Sealant for Portland Cement Concrete Pavements".

## Joint Design for Crafcro RoadSaver Silicone Sealants in Joints in PCC Pavements

| * Joint Width                          | 1/4"   | 3/8"   | 1/2"   | 5/8"   | 3/4"   | 7/8"   | 1"     | 1 1/8" | 1 1/4" | 1 3/8" | 1 1/2" |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Minimum Sealant Recess                 | 1/4"   | 1/4"   | 5/16"  | 5/16"  | 3/8"   | 3/8"   | 3/8"   | 1/2"   | 1/2"   | 1/2"   | 1/2"   |
| Backer Rod Diameter <sup>1</sup>       | 3/8"   | 1/2"   | 5/8"   | 3/4"   | 7/8"   | 1"     | 1 1/4" | 1 1/2" | 1 1/2" | 1 3/4" | 2"     |
| Sealant Bead Thickness <sup>2,3</sup>  | 1/4"   | 1/4"   | 1/4"   | 5/16"  | 3/8"   | 7/16"  | 1/2"   | 1/2"   | 1/2"   | 1/2"   | 1/2"   |
| Minimum Joint Saw/Reservoir Depth      | 1 1/8" | 1 1/4" | 1 1/2" | 1 3/4" | 1 7/8" | 2"     | 2 3/8" | 2"     | 2 7/8" | 3 1/8" | 3 3/8" |
| Minimum Backer Rod Depth               | 1/2"   | 1/2"   | 5/8"   | 11/16" | 3/4"   | 13/16" | 7/8"   | 1"     | 1"     | 1"     | 1"     |
| Estimated Usage Non-Sag (ft/gal)       | 245    | 149    | 112    | 70     | 51     | 35     | 26     | 23     | 18     | 16     | 15     |
| Estimated Usage Self-leveling (ft/gal) | 273    | 172    | 130    | 82     | 58     | 41     | 31     | 27     | 22     | 20     | 19     |

<sup>1</sup> Backer rod diameter should not be varied from specified dimensions. If larger sizes are used, increased saw depth is needed.  
<sup>2</sup> Sealant bead thickness can vary by +25% of design value.  
<sup>3</sup> Never install RoadSaver Silicone to a depth greater than the joint width (1 to 1).  
 \*Please contact Crafcro for additional joint size design recommendations.

For more information on Crafcro products contact your local Crafcro Distributor or call:



**www.crafcro.com**  
**800-528-8242**

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Your local Crafcro Representative: