



# SHEP SELECT NON-SAG

## ONE PART URETHANE SEALANT (GUN GRADE)

### DESCRIPTION

Shep Select Non-Sag is a one part urethane sealant for sealing and protecting moving joints of all types.

### PRIMARY APPLICATIONS

- Concrete construction & control joints
- Precast concrete and masonry units
- Window perimeters
- Interior and exterior applications

### FEATURES & BENEFITS

- Remains adhesively and cohesively bonded during temperature cyclic movement
- Passes accelerated weathering test for suitability in harsh environments
- USDA compliant
- Can contribute to LEED points

### COMPLIANCES

- Meets Federal Specification TT-S-00230C, Type II, class A. This product also meets industry standard ASTM C 920-86, Type S, Grade NS, Class 25, Use NT, M, T, A, L, O.

### TECHNICAL DATA

Typical Engineering Data: The following results were developed under laboratory conditions:

Properties	Actual Result	Requirement
Rheology		
@40°F (4°C)	No Flow	No Flow
@122°F (50°C)	No Deformation	No Deformation
Shore A Hardness	40	15 to 50
Elongation	250%	none
Weight Loss	9%	10% max
Tack Free Time	30 hours	72 hours max
Adhesion-in-Peel (<25% bond loss)		
Concrete	20 to 25 PLI	> 5 PLI
Aluminum	18 to 22 PLI	> 5 PLI
Brick	19 to 23 PLI	> 5 PLI

Shep Select Non-Sag will accept normal traffic in 48 hours if curing temperature is 70°F (21°C) and 50% relative humidity. Expect complete cure within two weeks.

Appearance: Shep Select Non-Sag is available in the following colors: Standard: bronze, white, limestone and gray. Special Order\*: aluminum, buff, black and redwood tan. \*Special orders may require two week lead time.

### DIRECTIONS FOR USE

**Joint Dimensions:** Joint width should be 4 times the expected joint movement, but not less than 1/4" (6 mm). Width to depth ratios should be equal for joints that are 1/4" (6 mm) to 1/2" (13 mm) in width. If joint width is greater than 1/2" (13 mm), depth of Shep Select Non-Sag must be kept at 1/2" (13 mm) maximum. Installation of Shep Select Non-Sag deeper than what is recommended can cause bubbling or incomplete curing of the material.

**Surface Preparation:** New concrete must be minimum of 28 days old. The joint must be clean and sound. All oil, dirt, debris, paint and any other material that could be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing. Substrates must be dry - application in wet or damp joints will cause bubbling of the material.

**Priming:** When the product will be used on non-porous surfaces (metal, granite, etc.) or when the sealant will be underwater, a primer must be used.

**Mixing:** Shep Select Non-Sag is a one part product which requires no pre-blending. Use directly from the container.

**Placement:** Can be used with a standard caulking gun. Horizontal joints requiring large quantities of material may be dispensed directly from the pail or a can with a pour spout.

**Finishing:** Although not normally required, tooling should be done immediately when necessary. Solvent may be used if necessary to help with tooling.

**Curing:** Shep Select Non-Sag requires no special curing instructions. A skin forms on the surface within 24 hours @ 75°F (24°C) and 50% relative humidity. Total cure time should be within 2 weeks after placement.

**Clean-Up:** Tools, equipment and general clean-up can be done with a solvent, acetone or toluene.

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## PACKAGING/YIELD

11 oz (325 ml) tube..... 19 in<sup>3</sup> (311 cm<sup>3</sup>)

## SHELF LIFE

Six months in original, unopened package.

## LIMITATIONS

- Use only at temperatures above 40°F (4°C).
- Contact surfaces must be clean and dry.
- Proper joint design will affect performance.
- Shep Select Non-Sag deeper than what is recommended can cause bubbling or incomplete curing of the material.
- For a faster cure, use a two part urethane.
- No heavy traffic until the product has cured.
- In all cases, consult the MSDS before use.

**LIMITED WARRANTY: NOTICE - READ CAREFULLY. CONDITIONS OF SALE.** Manufacturer offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may be varied by written agreement of a duly authorized corporate officer of Manufacturer. No other representative of or for Manufacturer is authorized to grant any warranty or to waive limitation of liability set forth below.

**Warranty Limitation:** Manufacturer warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, Manufacturer will replace the defective product with new product without charge to the purchaser. Manufacturer makes NO OTHER WARRANTY, either expressed or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall Manufacturer be liable for special, indirect or consequential damages resulting from the use or handling of the product, and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

**Inherent Risk:** MANUFACTURER MAKES NO WARRANTY TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.