

# VERSA-LOK Concrete Adhesive



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VERSA-LOK Concrete Adhesive is a one-component, non-sag, high-strength, and versatile elastic adhesive/sealant based on silyl-modified polymer technology. VERSA-LOK Concrete Adhesive cures on exposure to atmospheric moisture to form a tough, yet flexible, water-resistant, durable, adhesive/sealant. VERSA-LOK Concrete Adhesive is solvent and isocyanate free. It has a high resistance to moisture, UV irradiation, weathering, aging, shrinkage, joint movement, and bubbling. VERSA-LOK Concrete Adhesive is designed for indoor/outdoor use to bond almost any material that requires initial green strength, fast set-up cure time, superior strength, and longevity. It exhibits excellent adhesive properties to concrete blocks, usually without a primer. VERSA-LOK Concrete Adhesive meets the following performance requirements: ASTM C 920: Type S, Grade NS, Use NT, Class 25, M, G, and A; Federal Spec. TT-S-00230C Type II; AAMA 808.3 (Type 1) Exterior Perimeter Sealing; AAMA 805.2 (Group C) Back Bedding/Glazing.

## Features

- Initial high-tack, non-sag properties
- Suitable under cold and warm applications
- Short cut-off string during application

## Advantages

- Excellent tack-free and cure times
- +/- 25% joint movement
- Flexible in low temperatures

- Uncured Properties -	
Characteristics	Typical Value or Result <sup>1</sup>
Appearance	No Slump, High-Viscosity Paste
Standard Color	Beige
Curing Mechanism	Moisture Curing
VOC Content	100% Solid (15 gm/L)
Viscosity	750,000 cps
Curing through volume (mm) 1 day at 23° C and 50% RH	≥3
Density (g/cc)	1.53 +/- 0.02
- Cured Properties -	
Characteristics	Typical Value or Result <sup>1</sup>
Shore A	28 +/- 5
Tensile Strength (PSI)	≥135
Elongation	≥600 %
180° Peel Strength	≥18 lb/in
Temperature resistance °F	-40 to +158 °F (short exposure up to 285°F)

(1)The values are typical or an approximation for the material and are not intended for use in specifications. Field or environmental conditions or application methods may yield different results.

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### APPLICATION GUIDELINES:

#### Surface Preparations and Directions of Use:

The surfaces to be applied on should be clean, dry, and free from dust and grease. The ability for the adhesive to bond is only as good as the substrate it is applied on.

#### Precautions:

Some applications may not be compatible with this product. Some cleaners or solvents may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Do not use in direct contact with fire or in long-term high-temperature applications. Use with adequate ventilation. Inhalation of vapor during application and cure may cause eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See Safety Data Sheet for additional information. **KEEP OUT OF REACH FROM CHILDREN.**

#### Clean Up:

Excess cured material must be cut or scraped away followed by wiping with isopropyl alcohol, aromatic or ketone-type solvents. The use of these solvents (or other solvents) may be hazardous to your health. **KEEP AWAY FROM OPEN FLAME.** Tools and application equipment may be cleaned with the same solvent. Follow the precautions and instructions of the solvent manufacturers.

### PRODUCT STORAGE:

The product has shelf life of 12 months after production date in its original packaging (unopened) in a cool, dry place. For maximum shelf life, store unopened containers at temperatures not exceeding 80°F in cool, dry conditions. Keep away from wet areas, direct sunlight, and heat sources.

### PACKAGING AND SIZES:

VERSA-LOK Concrete Adhesive is available in 10.1 fl. oz./300 ml cartridge.

### LIMITED WARRANTY:

ANY GOODS PROVED DEFECTIVE WILL BE REPLACED OR THE PURCHASE PRICE REFUNDED. THE LIMITED WARRANTY DESCRIBED HEREIN IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. THE USER SHALL DETERMINE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE. LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE OR LOSS IS EXCLUDED. THE USER ASSUMES ALL RISKS OF THE PRODUCT'S USE, HANDLING, AND STORAGE.

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