

# TECHNICAL BULLETIN

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## STA-NATURAL SEALER

*Water Repellent Concrete Finish*

### Description

**STA-NATURAL SEALER** is a 0-VOC, extremely user-friendly, waterborne silane/siloxane emulsion for sealing Kemiko Stone Tone Stained concrete and other cementitious substrates. STA-NATURAL SEALER is a water viscosity, single component product that is designed to repel water, reduces efflorescence and frost damage, allows substrate to breathe, has very little or no odor, does not contain solvents, and preserves stained concrete color. STA-NATURAL SEALER is resistant to UV and high alkalinity exposure.

### Applications

**STA-NATURAL SEALER** is applied to properly prepared stained and bare concrete, new and existing stucco finishes, fired clay brick, and many other cementitious mortars. Typical applications include commercial and residential driveways, walkways, facades, pool decks, stamped and stained concrete, new architectural poured in place and precast concrete, and many other horizontal and vertical above-grade exterior surfaces requiring additional protection. Excellent replacement product for high VOC solvent base water repellents and sealer with excellent wetting properties.

### Performance

- ✓ **VOC – 0 g/l Meets Final SCAQMD Rule 1113 (2008)**
- ✓ **Allows Substrate to Breathe – No Whiting or Delamination**
- ✓ **Excellent Leveling & Flow – Brush, Roll & Spray Applications**

### **Physical Characteristics**

Volume Solids:	10%
Weight Per Gallon:	9.5 lbs.
Packaging:	1s, 5 <sup>s</sup> , 55 <sup>s</sup>
FlashPoint:	None
Gloss:	Clear Flat (Natural Sheen)
Dry Time:	@70°F. 50% RH: 1-hour to recoat – foot traffic 4-hour Heavy traffic in 24-hours, Full cure in 48-hours (washability)
Appearance:	Milky-White Liquid.
Coverage:	Stained Concrete: 100-150 square feet per gallon – per coat (2) Bare Concrete: 120-175 square feet per gallon – per coat (2). Precast Concrete: 120-175 square feet per gallon – per coat (2). Brick: 100-125 square feet per gallon – per coat (2). Colored Stucco: 100-150 square feet per gallon – per coat (2). Concrete Block: 60-80 square feet per gallon –1 <sup>st</sup> coat, 100-150 square feet per gallon –2 <sup>nd</sup> coat.
Thinning:	None required. Use mild soap and tap water for cleanup

### **Surface Preparation**

**Concrete** – All visible oil, grease, sludge, stain residue and any other contaminants shall be removed prior to any STA-NATURAL SEALER application. Surface shall be cured, dry and free from alkali stain and laitance. Mask all glass and metal surfaces – THESE SURFACES MUST BE PROTECTED FROM CONTACT WITH THIS PRODUCT.

### **Application Methods**

**Brush** – Use top-quality nylon bristle brush for best film properties.

**Roller** – Lambswool or similar cover with phenolic core, ¼ - ½ inch nap thickness.

**Spray** – Commercial conventional air spray or airless spray equipment utilizing spray gun tip size between .013”-.015”. Adjust pressure for proper atomization. Maintain consistent spray pressure. On vertical surfaces, start at bottom; apply a fog coat followed immediately by a saturation coat.

**Environment** – Apply between 50°F. – 100°F. and 5°F. above dewpoint. Do not store in direct sunlight. Protect from freezing. Do not apply if rain is forecast within 24-hours of application. Do not apply to asphalt, glazed brick or glazed tile. Do not apply to wet or frosted surfaces.

**Safety** – **May be irritating to eyes and skin!** Wear gloves and eye protection during application. Areas such as pool decks, sloped driveways, or other surfaces subjected to water may become slippery if coated with STA-NATURAL SEALER. If you must seal these surfaces, keep the sealer film build-up to a minimum.

### **WARRANTY**

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser’s use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.