

# SureSeal So

## Water-Based Siliconate Sealer / densifier

### Description

SureSeal So is a proprietary, colorless chemical solution that increases the wear surface strength of concrete floors subjected to pedestrian and vehicle traffic. SureSeal So penetrates concrete surfaces to seal, densify and harden. SureSeal So floors last longer, cost less to maintain, are safe to use, and are guaranteed to resist dusting for years after application. It is VOC compliant, odorless, environmentally safe and simple to apply. SureSeal So penetrates the concrete surface and undergoes a chemical reaction that turns the concrete substrate into a hardened, densified mass. Surfaces treated with SureSeal So are not only more abrasion resistant, but are more resistant to chemicals and water than untreated concrete. The deeply penetrating chemical action leaves no film and will not alter the natural non-slip texture of the concrete floor.

### Features / Benefits

- Reduces porosity and increases hardness of the concrete surface.
- VOC compliant and Non-Yellowing
- Resists staining and penetration of oil and many chemicals
- Minimizes tire marks and makes them easier to remove
- Equipment can be cleaned with water
- Can be applied to fresh, new, or existing concrete
- Low sheen enhances the appearance of concrete surface
- Compatible with SureBuilt bondbreakers for tilt-up projects
- Cures, seals, hardens, dustproofs and prevents efflorescence
- Promotes bonding of secondary toppings
- Controls hairline crack
- One application, economical, water clean up

### Application

**Sealer / Desnsifier Application:** The exact coverage depends upon the porosity and roughness of the slab. If the concrete is extremely porous or rough, more than one coat may be necessary. Application temperature above 40°F & rising is recommended.

**Packaging**  
55 gallon drums (208.2 L)  
5 gallon pails (18.9 L)

**Shelf Life**  
SureSeal So containers are to be stored in a clean, dry area between 40°F and 100°F (5°C - 40°C). Shelf life of SureSeal So in unopened containers is 2 years if properly stored. Do Not Freeze.

### Application (cont'd)

**Application to Existing Concrete:** *Surface must be clean and sound.* Remove all dirt, grease, curing compounds or other foreign matter with SureBuilt Citrus Cleaner. Completely rinse any residue away and allow to dry. Surface must be completely dry to allow for penetration of SureSeal-So. Spray, squeegee or broom apply based on concrete porosity. For best results, SureSeal So should be applied and scrubbed using mechanical scrubbers. Immediately follow application by light brooming to assure penetration and to avoid ponding. Keep surface saturated with SureSeal So for 20-30 minutes. As the surface absorbs the SureSeal So, apply a light water spray to enhance penetration and to keep the SureSeal So in solution from drying on the surface.

**Squeegee away excess and allow to dry.**

Caution: Should white crystals develop, it is a sign that the slab will not absorb any more SureSeal So and that the surface has started to dry. Immediately flush with water, brush with a stiff bristle broom and squeegee any surface water away. Allow to dry.

SureSeal So will develop a low gloss satin finish with use. If desired, a floor buffer can bring out the shine immediately on a well finished, hard troweled floor. Repeat procedure to porous areas to ensure a uniform

**Application to Fresh Concrete:** *Curing Application:* After the final troweling and bleeding, saturate the concrete surface with a base coat of SureSeal So at approximately 200 ft<sup>2</sup> per gallon. Optimum penetration can be achieved by applying SureSeal So 1-2 hours after final finishing (usually immediately after control joints have been cut). Broom or mop the SureSeal So into the slab, reapplying SureSeal So to areas that absorb the sealer. Keep the slab saturated with SureSeal So for 30-45 minutes, working it into the concrete by brooming. Apply a light water spray to the treated area to finalize penetration and dissolve any remaining SureSeal So. After the saturation period, thoroughly rinse and then squeegee or brush off excess SureSeal So until dry. Although not compliant with ASTM C309-91 as a membrane forming curing compound, SureSeal So can be used as a curing compound and sealer by following the aforementioned procedures. When curing conditions are severe (wind, sun, etc.), the use of SureSeal So and an ASTM C309-91 curing compound in conjunction with the SureSeal So will provide concrete flatwork with greater durability and abrasion resistance. Contact SureBuilt for specific application

Coverage Rates	
Hard Troweled Finish .....	200-350ft <sup>2</sup> /gal
Broom or Float Finish .....	150-250ft <sup>2</sup> /gal
Rough Slab Finish .....	150-200ft <sup>2</sup> /gal
Old Concrete .....	150-250ft <sup>2</sup> /gal

## Specifications / Compliances

- SureSeal So has been tested per CDPH Standard Method V1.2 and is in compliance with all LEED V.4 requirements.
- USDA Accepted. Recommended for ACI 302. Class 1 through 5 concrete floors, and class 9 super flat floor
- Typical Properties
  - Active Ingredients: 100%
  - Type: Proprietary blend
  - Flash Point: None
  - Odor: None
  - Color: Clear
  - Dry Time: 2-4 hours
  - VOC: 0.0 gram/liter

## Limitations / Precautions

- When SureSeal So is to be applied to fresh concrete, pozzolanic (fly ash, blast furnace slag) usage in concrete mix designs should be kept to a minimum (i.e. 5-10% by weight of Portland cement) to optimize the sealing and hardening effects of SureSeal So or wait a minimum of 14 days to apply.
- Protect metal, glass, brick and painted surfaces from SureSeal So. If accidentally mis-applied, wash with clean water at once.
- Do not use over colored or pigmented concrete or as a cure on slabs intended for use as a tilt up casting bed without consulting SureBuilt technical services. If freezing occurs, contact Sure-Built.
- Keep out of the reach of children.
- Do not take internally. If swallowed, call a physician.
- Avoid prolonged contact with skin.
- If splashed in eyes, wash repeatedly with clean water and call a physician.
- Wear rubber gloves, goggles, and protective clothing.
- Avoid hazards by following all precautions found in the Safety Data Sheet (SDS), product labels, and technical literature.
- Application temperature above 40°F & rising is recommended.
- Please read this information prior to using the product.

**DO NOT EXPOSE TO OR APPLY NEAR FIRE OR FLAMES. FOR WELL VENTILATED OR EXTERIOR USE ONLY!**

### NOTICE-READ CAREFULLY CONDITIONS OF SALE

SureBuilt offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SureBuilt. No other representative of or for SureBuilt is authorized to grant any warranty or to waive limitation of liability set forth below.

**WARRANTY LIMITATION** SureBuilt 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, SureBuilt will replace the defective product with new product without charge to the purchaser. SureBuilt makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

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Concrete Forms & Accessories

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