

# SEALER SG

## CONCRETE SEALER SALT GUARD CORROSION INHIBITOR

SINAK Sealer SG is a spray-applied, zero VOC, clear, single component, penetrating hydrolyzed quartz sealer that protects new "green" or existing concrete substrates against water penetration, de-icing agents, chloride intrusion (salts), corrosion, and freeze-thaw conditions. Sealer SG penetrates deep into the capillary pore matrix of cementitious substrates and forms a permanent hydrolyzed quartz structure that reduces permeability, restricts moisture intrusion, and mitigates corrosion. Sealer SG is designed for use on interior & exterior, above and below grade substrates.

Sealer SG is formulated to waterproof, protect, and preserve concrete even in the most adverse environments. Sealer SG improves abrasion resistance, skid resistance, and enhances the durability of reinforced concrete. Substrates treated with Sealer SG are protected against water penetration, chloride intrusion, efflorescence, algae growth, mold, and staining from food, oil, & chemicals. Sealer SG is UV stable and will not yellow, peel, or degrade over time. Sealer SG is a one-time permanent solution that saves significant time and labor during application in addition to reduced maintenance for the life of the treated surface. Sealer SG excels at protecting substrates that are expected to receive heavy vehicular traffic and extends the life of treated surfaces by decades.

Sealer SG permanently penetrates the substrate and does not leave a film or residue on the surface. Sealer SG retains the natural appearance of treated substrates and does not alter the color or texture. Sealer SG is not a bond breaker and is compatible with line striping, joint sealants, patching materials, paint, and traffic coatings. Sealer SG is class 55 non-hazardous, non-toxic, and is listed as UL GREENGUARD Gold, Health Product Declaration (HPD), Environmental Product Declaration (EPD), Declare Label LBC Red List Free, Super Compliant with SCAQMD and Buy American Act compliant. SEALER SG's stable formula has an infinite shelf life and does not expire.

## FEATURES & BENEFITS

- Permanent Waterproofing
- Freeze Thaw Protection
- Corrosion Inhibitor
- Salt Guard
- Zero VOCs
- UV Stable: Will not yellow
- Chloride Ion Protection
- Superior Stain Protection
- Improves Abrasion Resistance
- Improves Skid Resistance
- Controls Efflorescence
- Controls Hydrostatic Pressure
- Compatible with all Paint & Traffic Coatings
- No Maintenance or Reapplication for the life of the Concrete
- Buy American Act Compliant

## WHERE TO USE SEALER SG

- Vertical Cast in Place Concrete
- Structural & Lightweight Concrete
- Shotcrete
- Horizontal Surfaces
- Concrete Pavements
- Parking Structures
- Sound Walls
- Below Grade
- Driveways
- Pool Decks
- Planters
- Garage Floors
- Cold Storage
- Pre-Cast Panels
- Elevator Pits
- Podium Decks



## SUSTAINABLE DESIGN REQUIREMENTS

- Zero VOCs
- UL 2818 Gold - GREENGUARD® Gold Certified
- Environmental Product Declaration
- LBC Red List Free Declare Label
- Health Product Declaration
- Listed as Super-Compliant by the South Coast Air Quality Management District (SCAQMD)
- Exceeds the regulatory limits in the SCAQMD Rule 1113
- Meets the requirements to contribute for LEED credit in the following areas: EQ Credit 1.0, 4.1 and 4.3, EQ Credit 10 3.1, MR Credit 5.1 and 5.2

## TESTING

- ASTM C-642: (Density, Absorption and Voids Testing)
- ASTM C-666: (Freeze Thaw Resistance)
- ASTM C-672 : (Scaling Resistance)
- ASTM C-944: (Abrasion Resistance)
- AASHTO T 259/ T 260: (Chloride Ion Resistance)
- ASTM D-3359-23: (Test Method for Rating Adhesion)

## PRECAUTIONS

Do not allow Sealer SG to come into contact with any glass, or metal. Sealer SG left to dry on the surface may result in streaking, or whitening. DO NOT Apply Sealer SG to areas with standing water. Existing concrete surfaces exhibiting active moisture intrusion, dusting, or surface degradation may require additional coats of Sealer SG. If power washing is to be completed, ensure the surface is left to dry for a minimum of 24hrs prior to the installation of Sealer SG.

## COVERAGE RATES

Two-coat coverage rate is 150-200 sq ft per gallon (4-5 sq m per liter) for horizontal and vertical concrete surfaces.

## INSTALLATION

Clean surface and remove any existing sealers, coatings, curing compounds, dirt and debris. Apply a small test area to confirm penetration. If rain should occur at any time during this process, see '*Interrupted Installation*' at the end of this section.

1. Protect objects and areas not to be treated from spillage or overspray.
2. Apply first coat of Sealer SG uniformly wetting the surface with an airless or tank type sprayer.

**DO NOT** allow Sealer SG to puddle or flood the surface.

Drying time will vary from 10 to 30 minutes depending on temperature and environment.

**NOTE:** "Dry" means dry to the touch

3. Immediately after the first coat is dry, apply a second coat uniformly wetting the surface.
4. Clean all equipment with warm soapy water.

## VERTICAL CAST-IN-PLACE INSTALLATION

1. Clean surface and remove any existing sealers, coatings, paint, dirt, and debris.
2. Apply the first coat of Sealer SG uniformly wetting the surface with an airless or tank-type sprayer. SINAK recommends applying product top to bottom with a maximum 1-2 inch run.
3. Verify the first coat has dried to the touch before beginning the second coat.
4. Apply the second coat uniformly wetting the surface.

**NOTE:** Paint, patching materials, line striping, or coating installation can begin 8hrs after treated surface is dry. SINAK recommends a field bond test prior to paint or coating application. If the substrate was actively leaking prior to the application of Sealer SG, SINAK recommends observing the substrate for a minimum of 48hrs to ensure no additional moisture intrusion occurs. If no moisture intrusion is observed after 48hrs, proceed with coating installation.

## INTERRUPTED INSTALLATION

If the application should be interrupted by rain, mark the place of interruption and continue the application as soon as weather permits. If the delay exceeds 4 hours contact SINAK for additional information.

## HOT WEATHER INSTALLATION

Do not apply Sealer SG in temperatures above 120°F (48°C). Contact SINAK for additional information.

## COLD WEATHER INSTALLATION

Do not apply in temperatures below 32°F (0°C). Contact SINAK for additional information.

## STORAGE & HANDLING

Sealer SG has an infinite shelf life when stored in a cool dry area out of direct sunlight. Product must be kept in tightly secured containers to prevent evaporation and contamination. Sealer SG MUST be protected from freezing. Product that has frozen will not function as intended, and should be discarded.

## AVAILABILITY

Sealer SG is available in 1-gallon (3.78-liter) jugs, 5-gallon (18.9-liter) pails, 55-gallon (208.2-liter) drums and 275-gallon (1041-liter) totes.

## TECHNICAL ASSISTANCE

Technical assistance is available from the manufacturer (800) 523-3147 [www.SINAK.com](http://www.SINAK.com).

## WARRANTY

A non-prorated warranty is available from the manufacturer. Contact SINAK for additional information.

SINAK warrants its products to be free from manufacturing defects and to meet the technical properties on the current product information sheet. To the maximum extent permitted by law, this express warranty and the remedies specified below are exclusive and in lieu of all other warranties and remedies. Any implied warranties including without limitation implied warranties of merchantability and fitness for a particular purpose are excluded. SINAK's liability under this product warranty shall be limited to a refund of purchase price or replacement of the product. SINAK shall have no liability for any loss of use, interruption of business, lost profits or goodwill, or for any special, incidental or consequential damages of any kind arising from the purchase or use of the warranted product, even if SINAK has been advised of the possibility of such loss, interruption or damage. This limited warranty may not be modified by representatives of SINAK, its distributors or dealers. Any claim made under this warranty must be made within one (1) year of purchase and shall be accompanied by any reports or test results that form the basis of the warranty claim. Prior to settlement of a warranty claim, SINAK shall have the right, but not the obligation, to conduct site inspections and perform tests pertaining to the customer's warranted product and its manner of use.