



S.J.S. SAND JOINT STABILIZER

SEALER FOR CONCRETE HARDSCAPE PAVERS

PRODUCT DESCRIPTION: *Specco S.J.S.* is a water base, single component, penetrating sealer and sand joint stabilizer designed to enhance the appearance of interlocking concrete or natural stone pavers. *S.J.S.* provides protection from stains, moisture penetration and related freeze-thaw damage, as well as bonding the exposed sanded joints all in one easy application. *S.J.S.* contains polymeric bonding agents which prevent joint sand erosion and washout, therefore reducing the potential for any subsequent paver movement and displacement. The sealed joint provides flexibility to the bonded sand matrix to allow for natural weather or thermal related movements. The resulting clear film will exhibit improved water resistance, will not yellow and will prevent unwanted weed, algae or moss growth.

BENEFITS:

- **Silicone fortified formula provides added water resistance**
- **Reduces erosion of joints from rain washout or routine pavement maintenance**
- **Diminishes unsightly weed, algae and moss growth**
- **Provides added pigment color retention and resistance to sun fading over time**
- **Reduces water absorption and related freeze thaw damage and efflorescence (white salt) formation**
- **Allows easier sweeping and cleaning**
- **V.O.C. compliant**

COMPOSITION: Water base emulsion of silicone modified urethane-acrylic polymers. Contains no solvents or waxes.

LEED RATINGS: *S.J.S.* qualifies for the following LEED credits: **EQ credit 4.2:** Low emitting materials: Paints and Coatings (under sealer VOC requirement), as well as **MR Credit 5.1** Regional materials: 10% extracted, processed and manufactured regionally (within 500 miles of Kankakee, Illinois 60901).

PHYSICAL DATA:	APPROXIMATE VALUES @ 70° F (21° C):
Color:	Milky white when wet –dries to clear film
Solids:	25.00 +/-0.50%
Odor:	Mild ammoniated odor
Weight/gallon:	8.44 lbs./gallon
pH:	8.50 +/- 0.10
V.O.C. levels:	<50 g/L (0.42 lb./gal)

TECHNICAL DATA: *S.J.S.* is a film forming, modified acrylic polymer emulsion that provides a medium (satin) surface sheen with little to no substrate darkening. The cured film is breathable, flexible, will not support mold growth, and will not discolor or yellow from U.V. exposure. The treated surface is acid and alkali resistant and the cured sealer can only be removed with aromatic based solvent cleaners or by abrasion. *S.J.S.* contains less than 50 g/L (0.42lbs. /gal.) volatile organic compounds and meets Architectural Coatings Section 183(e) Final Rule Limit for concrete sealers.

SURFACE PREPARATION: All areas to be treated should first be cleaned and allowed to dry before sealer application, and all sand should be sufficiently tamped and settled into the paver joints. For existing or older pavements, any grease, oil or efflorescence deposits should first be removed using a multi-purpose cleaner/degreaser such as *Specco Enviro Clean & Etch C-30*. Specco does not recommend the use of any hydrochloric (muriatic) based acid cleaners in this step, as they can burn or discolor the surface. After cleaning, **allow the surface to dry for 24 hours prior to sealer application**. The sand used to fill the paver joints must be free of contaminants and dry for the full depth to allow penetration of *S.J.S.* Do not use *S.J.S.* on pre-bagged polymeric sand applications (**See Cautions**). For optimal results, it is important to ensure that a consistent and level sand height is present in the substrate before sealer application. Brush sand off the surface of the pavers so that its level is slightly below the surface of non-beveled pavers or even with the bottom of chamfer bevel on beveled pavers.

COVERAGE: Coverage rate will vary with the absorption rate of the paver. Approximate coverage rate is 100 to 150 square feet per gallon on porous surfaces and 150 to 200 square feet per gallon on dense surfaces. **A test area is always recommended before application to ensure proper appearance aesthetics, film bond, as well as approximate coverage rate.**



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DIRECTIONS FOR USE: Perform the recommended pretest on the substrate to be sealed and allow it to cure out for 24 hours before subjecting to water soak test. If the film surface remains uniform and does not change in appearance, it is considered successful and the **S.J.S.** can thereby be applied to the entire area by lightly flooding the paving stone and joints using a bulk or backpack low pressure sprayer. Care should be taken to apply **S.J.S.** to the pavers as evenly as possible to the point of saturation, avoiding any puddles and runs. Excess material must be either removed or back-rolled into joints using a bristle brush or preferably a ¼ inch nap lamb's wool roller. Protect the freshly coated surfaces from dust, rain, condensation and traffic while drying. Equipment and tools may be cleaned with soap and water immediately following use. A second coat can be applied if additional gloss or added protection is desired however, one liberal coat is all that is required for proper sand joint stabilization and adequate paver sealing.

CAUTIONS: Do not use **S.J.S.** on polymeric sand applications as it will not penetrate properly and may leave a white film on the treated surface. Do not apply **S.J.S.** onto clay pavers, blue stone applied surfaces, or any related overly porous substrates due to their high water absorbency and possible blushing potential. The use of **Specco Waterstopper S-20** is recommended to protect these types of surfaces. Do not use **S.J.S.** on Belgard Arbel Stone or Mega-Arbel Stone flagstone patterns which have 1/2 inch wide or greater sand placement joints, as the **S.J.S.** may exhibit uneven or darker drying properties on the outside edge of concrete these pavers. The use of **Specco Pavesheen 350** is recommended for these types of paver installations. Do not use on frozen, frost filled or hot surfaces. Do not apply when the temperature is below 45° F and dropping or above 90° F and rising. **Do not apply when rain is expected within twelve hours of the application.** Colder temperatures and high humidity will result in slower dry times and rate of proper film formation and end properties. For spray applications, a nylon or fine mesh type pre-filter can be applied to the intake hose to keep any polymer surface "skinning" particles (common to waterborne acrylics exposed to open air) from entering the chamber and leading to a possible plugged sprayer tip. If the sealer dries inside the sprayer tip during a break in application, the tip should be removed and soaked in an aromatic solvent and cleaned with a stiff brush before proceeding. Allow the paver surface to dry and cure for **24 hours** minimum before exposure to vehicle traffic.

GHS HAZARD RATINGS: WARNING:



Irritant: Respiratory Tract Irritation.

FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.

WARNINGS & SAFETY INFORMATION: **S.J.S.** is relatively safe to use. Keep containers closed. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

FIRST AID: In case of eye contact, rinse thoroughly with water for 15-20 minutes and seek medical assistance if irritation persists. If swallowed, give large quantities of water to dilute and obtain medical assistance.

HMS SAFETY CLASSIFICATIONS: Health =1, Fire = 0, Reactivity = 0, Personal Protection = G -Glasses, Gloves, Protective Clothing and NIOSH/OSHA approved Respirator if necessary.

PACKAGING: 1 gallon (3.78 L), 5 gallon (18.9 L), and 55 gallon (208 L) containers.

STORAGE: 45° to 90° F. KEEP FROM FREEZING. If frozen, product is un-useable and must be discarded in appropriate waste collection facility.

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: ITEM 33880, Sub 2, LTL 55

SHIPPING NAME: Concrete Sealing Compound – Water base - Not regulated



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WARRANTY: *Specco Industries, Inc. (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. No other representations or statements made by Specco representatives, in writing or orally, shall alter this warranty. Specco MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.*

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