



SUREBOND

TECHNICAL DATA SHEET

SB-1300

Matte Finish Joint Stabilizing Sealer

★ CONTRACTOR GRADE FOR RESIDENTIAL AND COMMERCIAL PROJECTS ★

USES

Interlocking concrete, clay and natural stone paving. SB-1300 also works well on concrete, masonry, natural and manufactured stone, porous or unglazed tile and terrazzo. Also provides joint sand stabilization. Not recommended for granite, marble, asphalt, glazed or ceramic tile.

PRODUCTS FOR SEALING PREPARATION

SureClean - Deep Penetrating Multi-Use Cleaner
SureStrip - Fast Acting Sealer Stripper
Efflo Off - Efflorescence, Mineral & Salt Deposit Cleaner
S.R.B. - Stain & Rust Buster
Oil Extractor - Oil Stain Cleaner

PRODUCT DESCRIPTION

SB-1300 is a water-based, single component, epoxy-modified sealer and joint sand stabilizer. This product can be used inside and outside, on old and new pavements, sealing the surface and stabilizing joint sand at the same time. It can be applied immediately after paver installation, as it is breathable and will not trap the naturally occurring efflorescence. This breathability feature also decreases freeze thaw damage and improves surface durability and ease of maintenance. SB-1300 is solvent free and exceeds all VOC and EPA standards. SB-1300 is non-hazardous and has the consistency of water. It is milky white when applied and dries clear, creating a finish that ranges from a matte finish to a satin sheen, depending on the surface. Cured sealer is freeze resistant to -60°F (-51°C) and is stable up to a temperature of 180°F (82°C). SB-1300 is a single application product.

Features	Benefits
What makes SB-1300 Joint Stabilizing Sealer different?	
Dual Purpose	• Sealer and joint sand stabilizer
Immediate Application, Breathable	• Will not trap moisture or efflorescence
Water Seal	• Reduces water penetration
Protective	• Protects from salt, acid and corrosives
Stain Resistant	• Improves maintenance efforts and cleaning becomes easier
Preserves Color	• Does not yellow while protecting from UV light
Stabilizes (Hardens) Joint Sand	• Reduces sand washout, weeds, and insect infestation
Easy Maintenance	• Can be cleaned and power washed
Environmentally Friendly	• Water based and exceeds all VOC & EPA standards

PREPARATION

To determine the suitability of this product for a specific surface, test on a small, inconspicuous area first. The pavement surface should be clean and free from oil, dust and loose material prior to sealer application. If needed, prepare your surface for sealing by using S.R.B. (Stain & Rust Buster) for spot cleaning, Oil Extractor for oil stain removal, SureClean for overall cleaning, SureStrip for sealer removal and Efflo Off for removal of efflorescence. Previously applied sealers should be stripped. Always ensure the complete removal of strippers and cleaners after use. The surface should be completely dry prior to the application of SB-1300. For optimal joint stabilization, the paver joints should be filled with dry, correctly graded jointing sand that meets the ASTM C144 standard. The top level of the sand should not exceed the bottom of the chamfer or 1/8" below the surface on non-beveled or tumbled paver surfaces. Compaction is recommended after sweeping sand into joints to minimize voids in sand joints. Use a vibratory compactor for concrete pavers and a rubber hammer and a piece of wood (2"x4") for natural stone to seat the joint sand into the setting bed. A leaf blower is the recommended method to remove dust and fine sand particles from the surface and achieve the optimum joint sand height. **Test First:** Before application, always perform a test using the product on a small, inconspicuous area of the surface to be sealed to ensure the desired results are achieved.

APPLICATION INFORMATION

SB-1300 should be liberally and evenly applied to the surface with a siphon pump, bulk sprayer or a hand-held garden sprayer. Use product coverage guidelines to determine the amount of material required for the project; material coverage will depend on the surface type and its porosity. Saturate the surface to ensure proper penetration and use a squeegee or foam roller to insure uniform coverage of sealer over the entire surface area.

For stabilization of sand joints of interlocking pavers, flood pavement surface and allow enough time to ensure sealer penetration throughout the entire sand joint. With a squeegee or a foam roller, remove all excess sealer from the surface of the pavers and joint areas working over the entire area to insure uniform coverage of the pavers with sealer.

SB-1300 is a single application product. Clean all application equipment with water and do not allow material to dry in containers as removal becomes more difficult.

DRYING TIME

Surface will be dry to the touch in 30 – 45 minutes assuming 65 – 85° F at 50% relative humidity. Low surface or air temperature and or high relative humidity will extend dry times. Protect the surface from dust, rain, condensation, and traffic while drying. Area can be open to foot & vehicular traffic in 24 hours depending on site conditions.





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MAINTENANCE/RE-APPLICATION

Pavements should be properly maintained following SEK-Surebond's Restoration and Maintenance System guidelines to get the best long-term performance from both the pavement and SB-1300. Keep surface clear of buildup of dirt, grime and stains by rinsing with cold, clean water. If staining of surface does occur, Surebond sealers are compatible with Surebond multi-use and specialty cleaners which can be used to remove general dirtiness, organic and inorganic stains like oils, food and beverages and mineral deposits from the pavement surface. Test cleaners in inconspicuous area prior to cleaning. Be sure to check dilution rates for all cleaners to determine if they are ready to use or to determine appropriate dilution rate especially for sealed surfaces. Efflorescence should be removed using Efflo Off and a pressure washer, in conjunction with agitation from a natural fiber brush. Care should be taken to ensure that excessive pressure is not utilized, as it may erode joint sand and damage coloring systems or the surface itself. Thoroughly rinse all cleaner off pavement surface before sealing.

SB-1300 re-applications should be carried out every 3-5 years depending on the type of surface and environmental/site conditions.

COVERAGE*

MATERIAL	SQ FEET	SQ METER
Interlocking Concrete Pavingstones	80 - 120	7.4 - 11.1
Concrete	150 - 200	14.0 - 18.6
Masonry, Natural/Mfd. Stone, Porous or Unglazed Tile, Terrazzo	100 - 300	9.3 - 27.9

*Per gallon. Single application. Actual coverage may vary depending on the type, age, condition, joint size and porosity of the surface, application method and site conditions such as temperature and humidity.

PACKAGING / SIZES

6 x 1 gallon containers per case
5 gallon pails
55 gallon drums

STORAGE

Do not freeze container. Must be stored between 40°F and 80°F.
VOC CONTENT: \leq 99 g/L

SHELF LIFE

Two years when properly stored.

LIMITATIONS

Due to the inherent variability of natural stone and clay products, long term product performance may be inconsistent. Please call us prior to sealing if there are any concerns. Do not expose containers to freezing temperatures. Test sealing in a small, inconspicuous area is always recommended prior to application to ensure the product is delivering both the proper physical and aesthetic properties desired. Never try to seal wet or damp surfaces. A minimum temperature of 45°F (7°C) must be maintained for a period of 24 hours prior to application. Working time is reduced when temperatures are above 90°F (32°C) so it is recommended that sealing take place during cooler temperatures. Work shall cease in inclement weather (rain or strong wind).

PRECAUTIONARY INFORMATION

Excessive applications can cause surface to become slippery. Use adequate ventilation and wear protective clothing. Harmful if swallowed, inhaled or absorbed through the skin. Wash hands thoroughly after handling and keep containers closed when not in use. Avoid breathing vapor mist and avoid direct contact with skin (see Material Safety Data Sheet). Always wear safety goggles and chemical resistant gloves when handling or applying product.

WARRANTY

Manufacturer warrants its products conform to the published specifications. No other warranties are expressed or implied, including those of merchantability or fitness or any purpose not expressly set forth herein. The user must determine suitability of the products for their particular use. Manufacturer and any seller's liability for incidental or consequential damage hereunder shall not exceed the purchase price of the product used.

ASSISTANCE & ADDITIONAL INFORMATION

For sales, specification assistance, technical questions, Restoration and Maintenance System Guidelines, detailing, etc., please contact:



SEK
SUREBOND

3925 Stern Ave. • St. Charles, IL 60174

Email: info@sek.us.com

Fax: 630-762-0607

800-932-3343 | www.sek.us.com