



SUREBOND

TECHNICAL DATA SHEET

SB-4000

Water Repellent & Salt Blocker

Invisible Penetrating Sealer

★ CONTRACTOR GRADE FOR RESIDENTIAL AND COMMERCIAL PROJECTS ★

USES:

Ideal for horizontal and vertical surfaces including concrete, concrete and clay pavers, grout, unglazed tile and terra cotta. Suitable for cultured and natural stone containing quartz or other silicas. Not recommended for granite, marble, limestone, slate, agglomerate tiles and surfaces with a high gloss finish as they do not absorb the sealer. Test all surfaces for performance and appearance before sealing.

PRODUCT DESCRIPTION:

SB4000 Water Repellent & Salt Blocker is a water based, penetrating, breathable, silane/siloxane blend, low VOC sealer for horizontal and vertical surfaces. SB-4000 protects against water penetration and chloride salt damage from the use of de-icers or exposure to salt air. Due to its superior water repellency, SB-4000 helps to inhibit biological growth such as mold, moss & algae. SB-4000 has the consistency of water and is milky white in appearance when applied and dries clear with an invisible finish. Some surfaces may darken slightly. SB-4000 is not hazardous and exceeds all VOC and EPA standards. It can be used indoors and outdoors on both new and old surfaces. SB-4000 can be applied immediately, as its unmatched breathability will not trap efflorescence. To ensure optimal performance on new concrete, SB-4000 should be applied once concrete is fully cured (30 days after installation). Cured sealer is freeze resistant to -60°F (-51°C) and is stable up to a temperature of 180°F (82°C).

Features	Benefits
What makes SB-4000 Water Repellent & Salt Blocker different?	
Chemically Bonded Protection	• Repels Water & Protects Surfaces from Salt Attack
High Performance Silane/Siloxane Blend	• Deeply Penetrating, Long Lasting & Durable
Non Film Forming with Transparent Finish†	• Does Not Alter the Appearance of the Surface
Breathable, Water Based Sealer	• Does Not Trap Moisture

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

PREPARATION: TEST FIRST on a small inconspicuous area to determine the suitability and if desired results are achievable with this product on your specific surface. †Over application on some very dense substrates may slightly darken

surface. The surface should be thoroughly clean and free from curing compounds, oil, dust, loose material, and previously applied sealer other than SB-4000 prior to sealer application. If needed, prepare surface with Surebond Cleaners before sealing. Thoroughly rinse all cleaner residue prior to sealing. After cleaning or rain, wait 2 hours after the surface is dry before sealer application. A leaf blower is recommended to remove dust, debris and fine sand particles from the surface. **Protect nearby landscape, vehicles, buildings and window glass from overspray of SB-4000.**



APPLICATION INFORMATION:

Apply when day and night temperatures are between 40°F - 95°F. Avoid windy conditions to keep sealer spray from drifting. Agitate or stir before each use. For best results, apply SB-4000 at full strength (never dilute) using a low pressure sprayer, roller, sponge or pad. Make sure that the surface is completely saturated. Always apply two coats, "wet on wet", at right angles to ensure complete coverage. Do not allow surface to dry between coats. Use liberally (but do not allow to puddle) and remove excess immediately with foam roller. **Avoid contact with glass.** If this product is allowed to dry on glass a residue may be created that is not removable. If accidentally splashed on glass, flush immediately with water.

DRY TIME:

Surface will be dry to touch within 30 minutes at 65-85°F. Low surface or air temperature will extend dry times. Protect the surface from dust, rain, condensation and traffic while drying. Area can be open to foot & vehicular traffic in 4 - 10 hours depending on site conditions.

CLEAN UP:

For tools and equipment, use soap and water before product is allowed to dry.

MAINTENANCE/RE-APPLICATION:

Sealed surfaces 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-4000. 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 surface. Test cleaners in inconspicuous area prior to cleaning. Be sure to check dilution rates for all



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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 could damage the surface itself. Thoroughly rinse all cleaner off the surface before sealing.

SB-4000 re-application may need to be carried out every 5-10 years depending on the type of surface and environmental/site conditions.

PACKAGING / SIZES:

4 - 1 gallon containers per case
5 gallon pails
55 gallon drums
Bulk packaging available

COVERAGE*:

MATERIAL	SQ FEET	SQ METERS
Pavers & Other Hardscape Surfaces	75 - 200	6.9 - 18.6
Concrete	100 - 200	9.3 - 18.6
Retaining Walls & Other Vertical Surfaces	50 - 200	4.6 - 18.6

*Per gallon. Two coats applied wet-on-wet at right angles to first coat. Use approximately two thirds of the estimated amount on the first coat and one third on the second ensuring saturation. Actual coverage may vary depending on the type, age, condition, porosity of the surface, application method and other local conditions such as temperature.

STORAGE: Keep only in original packaging. Keep in a cool, well ventilated place. Do not allow to freeze.

SHELF LIFE: 2 years if properly stored

VOC CONTENT: <300 g/L

LIMITATIONS:

Protect sealer from freezing and store in a cool place when not in use. In winter, keep in heated area. A test area is ALWAYS recommended to determine product suitability and compatibility with your specific surface before use and also if desired results are achievable. Due to the inherent variability of natural stone and clay products, long term performance may vary. Please consult with SEK-Surebond prior to sealing if there are concerns. Never try to seal wet or damp surfaces. A minimum temperature of 40° (5°C) must be maintained for a period of 24 hours prior to application. Surface temperature should not exceed 95°F (35°C) during application. Work should cease in inclement weather (rain or strong wind).

PRECAUTIONARY INFORMATION:

KEEP OUT OF REACH OF CHILDREN • Use only outdoors in a well ventilated area • Do not breathe vapors, spray or mist • Wear protective gloves, clothing, face and eye protection • Wash thoroughly after handling (See Safety Data Sheet for complete information.)

EMERGENCY & FIRST AID MEASURES:

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation persists. **IN CASE OF FIRE:** Use water, water fog, CO₂, or alcohol resistant foam to extinguish. Do NOT use dry chemical. (See Safety Data Sheet for complete information.)

WARRANTY:

SEK-Surebond warrants its products to substantially conform to its published specifications at the time of purchase. The foregoing is the sole limited warranty applicable to the products. **SEK-SUREBOND HEREBY DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY OTHER THAN THE WARRANTY SET FORTH ABOVE.** The user is solely responsible for determining suitability of the products for their particular use. While the actual application of this product is out of the control of SEK-Surebond, it is recommended that the application guidelines be followed completely and accurately. SEK-Surebond's liability for any damage shall not exceed the purchase price of the product used, and it shall have no liability for consequential, incidental or punitive damages.

ASSISTANCE & ADDITIONAL INFORMATION:

For sales, specification assistance, technical questions, detailing, etc., please contact:



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