



SUREBOND

SB-4400

Perma-Seal®

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:

SB-4400 PERMA-SEAL™ Invisible Penetrating Sealer is a penetrating, breathable silane/siloxane blend solvent based sealer that protects horizontal and vertical surfaces from water penetration and salt damage from the use of de-icers or exposure to salt air. SB-4400 has the consistency of water and is clear in appearance when applied and dries clear with an invisible finish. Some surfaces may darken slightly. It can be used indoors (with proper ventilation) and outdoors on both new and old surfaces. SB-4400 can be applied immediately, as its unmatched breathability will not trap efflorescence. On new concrete, SB-4400 should be applied once concrete is fully cured (30 days after installation). SB-4400 requires two coats. 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-4400 Invisible Penetrating Sealer 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, Solvent Based Sealer	• Does Not Trap Moisture

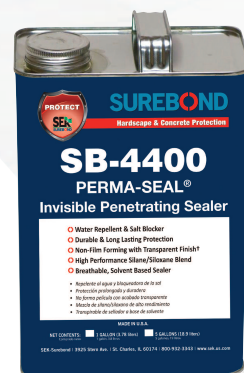
PRODUCTS FOR SEALING PREPARATION:

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. On new concrete, SB-4400 should be applied once concrete is fully cured (30 days after installation)

to ensure optimal performance. The surface should be thoroughly clean and free from curing compounds, oil, dust, loose material, and previously applied sealer other than SB-4400 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-4400.**



APPLICATION INFORMATION:

Apply when day and night temperatures are between 40°F - 95°F. Avoid windy conditions to keep sealer spray from drifting. NO pre-blending or mixing required. For best results, apply SB-4400 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 to ensure complete coverage. It is recommended that this second coat be applied "wet on wet" at right angles to the first application. 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 mineral spirits or other solvent.

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 mineral spirits or other solvent.

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-4400. 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 cleaners to determine if they are ready to use



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TECHNICAL DATA SHEET

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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-4400 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 x 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: Store locked up in original packaging in a cool, well-ventilated place. SB-4400 is a flammable liquid and should be stored away from heat, hot surfaces, sparks, open flames and other ignition sources.

SHELF LIFE: 2 years if properly stored

VOC CONTENT: <600 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 • Do not eat, drink, or smoke when using this product • Use only outdoors in a well ventilated area • Do not breathe vapors, spray or mist • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources • Ground and bond container and receiving equipment • Use explosion-proof equipment and only non-sparking tools • Take action to prevent static discharge • Wear protective gloves, clothing, face and eye protection • Wash thoroughly after handling • Avoid release to the environment (See Safety Data Sheet for complete information.)

EMERGENCY & FIRST AID MEASURES:

Get medical attention if exposed and you feel unwell. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if feel unwell. **IF SWALLOWED:** Immediately call a POISON CENTER or physician. Do NOT induce vomiting. **IF ON SKIN:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin with plenty of water or shower. Get medical attention if irritation occurs. **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 irritation occurs. **IN CASE OF FIRE:** Use CO₂, dry chemical, or alcohol resistant foam to extinguish. (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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