



SUREBOND

TECHNICAL DATA SHEET

SB-1000

PermStik™

PICP Chip Stabilizer

With Antifungal Film Protection

★ CONTRACTOR GRADE FOR RESIDENTIAL AND COMMERCIAL PROJECTS ★

USES:

Binder specifically designed for stabilizing ASTM #8 and #9 granite paving chips in permeable interlocking concrete pavements (PICP). SB-1000 also provides protection against water, salts and atmospheric weathering of the pavement surface.

PRODUCT DESCRIPTION:

SB-1000 PermStik™ is a hybrid polymer blend designed to bind together granite chips used in permeable paving systems and minimize their loss due to extractive forces from washout, traffic, and pavement sweeping. SB-1000 is specially formulated with an antifungal designed to help inhibit the growth of mold, moss and algae on the sealer film when applied on the surface. SB-1000 PermStik™ is a water-based product that exceeds all VOC and EPA standards. SB-1000 PermStik™ is milky white when applied but dries to a clear, natural look. SB-1000 PermStik™ maintains flexibility to accommodate thermodynamic cycling and related movement. Cured product is freeze resistant to -40°F and stable up to a temperature of 150°F.

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. Testing will also determine final coverage rates necessary to adequately bind jointing chips. Paver joints should be properly filled with an approved aggregate such as SEK-Surebond Perm Chips™ and compacted. The surface should be clean and free from oil, dust and any loose material or other contaminants. A leaf blower is recommended to remove dust and fine particles from the surface. Remove and kill growth of any mold, mildew, fungus or algae prior to application of SB-1000. If necessary, use Surebond SureClean for general purpose cleaning, following instructions per manufacturer. Use Surebond Efflo-Off, if needed, to remove any efflorescence prior to application. Previously applied sealers should be verified for compatibility or removed. Always ensure complete removal of strippers and cleaners after use by thoroughly rinsing.

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.**

Spray SB-1000 PermStik™ on the pavement surface, focusing on the joints. Immediately roll or squeegee uniformly into the joints. Remove all surface pooling and as much excess as possible from the top of the pavement. Use coverage guidelines and pre-job testing to determine the correct amount of material necessary to provide adequate

adhesion in the joint. Airless sprayers are not recommended for application due to the volume of material applied, but hand held pump sprayers can be used on smaller projects. Use the largest nozzle possible to ensure adequate coverage. Use a low pressure, even spray to wet down the pavement surface and joint material with sealer. Once complete, clean all application equipment with water and do not allow material to dry in spray equipment as removal becomes more difficult.



DRY TIME:

The surface should be dry to the touch in approximately one hour of application. Ensure that pavement is protected from moisture and traffic for at least 24 hours after application and, although initial drying occurs quickly, complete curing will take additional time. Joints will also begin drying within one hour, but full-depth drying will take greater than 24 hours and will vary depending on temperature and humidity.

CLEAN UP:

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

MAINTENANCE:

SB-1000 PermStik™ is compatible with Surebond cleaners which can be used to remove organic and inorganic stains like oils, food and beverages and mineral deposits from the pavement surface. Test cleaners in inconspicuous areas prior to cleaning and always thoroughly rinse off surface after cleaning. Hot water pressure washers should be used in conjunction with Surebond cleaners for best results. Heat will significantly improve results when extracting the residue from oil based stains. Tough oil staining can be treated with Surebond Oil Extractor, which should be applied only to stained areas, carefully following product instructions. Mineral deposits can be removed using Surebond Efflo-Off and a cold-water pressure washer in conjunction with agitation from

Features	Benefits
What makes SB-1000 PermStik™ PICP Chip Stabilizer Different?	
PICP Chip Binder	<ul style="list-style-type: none"> Minimizes chip loss and scattering
Protective	<ul style="list-style-type: none"> Guards against surface intrusion of salts and other contaminants and resists staining
Antifungal Film Protection	<ul style="list-style-type: none"> Protects sealer film from mold, moss & algae
Immediate, Easy Application	<ul style="list-style-type: none"> Fast drying product can be applied immediately on new installations
Clear, Water Based Acrylic	<ul style="list-style-type: none"> VOC compliant with a breathable, durable natural finish



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a natural fiber brush. Care should be taken to ensure that excessive pressure is not utilized, as it may erode joint material and could damage pavement surface.

PACKAGING / SIZES:

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

STORAGE: Keep in a cool place. Do not allow to freeze.

SHELF LIFE: Two years in unopened containers

VOC CONTENT: < 99 g/L

LIMITATIONS:

Protect sealer from freezing and store in a cool place when not in use. In winter, keep in heated area. Surface temperature should not exceed 95°F (13°C) during application. Excessive application of product can cause surfaces to become slippery. When SB-1000 PermStik™ is used on interlocking pavers, their natural slip resistant texture significantly aids in providing a non-slip surface. The sealer replicates original surface texture and reduces water absorption which could further affect surface traction.

COVERAGE*:

Assuming 11% void areas and 1" of chip stabilization, coverage rate is 75-100 sf per gallon.

*Coverage based on single coat. Some applications may require additional coats. Actual coverage may vary depending on the type, age, condition, joint size and porosity of the surface, application method and other local conditions like temperature and humidity.

PRECAUTIONARY INFORMATION:

KEEP OUT OF REACH OF CHILDREN. • Use only outdoors in a well ventilated area • Wear protective gloves, clothing, face and eye protection • Wash thoroughly after handling (See Safety Data Sheet for complete information.)

EMERGENCY & FIRST AID MEASURES:

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. **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. **IF INHALED:** Call a POISON CENTER

or physician if you feel unwell. **IN CASE OF FIRE:** Use water, water fog, dry chemical, CO₂ 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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