Permeable Stabilizing Sealer

Summary

Permeable Stabilizing Sealer seals the surface of block pavers creating a satin finish while simultaneously bonding the permeable paver chips.

Uses

Interlocking concrete, clay and natural stone permeable pavers.

Secondary Uses

Pavers, retaining walls, block walls, brick masonry walls, manufactured stone, decorative and gray concrete, porous or unglazed tile.

Features Benefits

Features	Benefits
Bonds Permeable Chips	Locks permeable chips between the pavers.
Liquid Stabilizer	Liquid joint sand stabilizer that offers superior performance in all climates on many types of projects for longer than other types of stabilizers.
Enhanced Look	Attractive color enhancement semi-gloss finish.
Stain Protection	Leading stain protection that slows down penetration of more types of stains into the surface of the paver.
Durability	Long-term surface protection that last for 3-4 years.
Immediate Application	Recommended immediate application after sanding and detail cleaning, seals immediately.
Eco-Friendly	Will not kill plants or damage building materials.

Product Description

BP Pro Permeable Stabilizing Sealer is designed specifically for use on permeable paving surfaces. It is designed to stabilize permeable paver fill chips and seal the paver surface in one application. It is a water-based single component polymer that penetrates into the pores and seals the surface with a coating that gives you a natural looking satin sheen.It is VOC, EPA, OSHA and FDA compliant. It has the consistency of water and is milky white and dries clear. It can be used on both new and existing projects because it is environmentally friendly and UV stable. Permeable Stabilizing Sealer can be applied immediately after pavement has been completed because it will not whiten nor will it trap efflorescence. The product is easy to install and offers increased stain protection and protection against freeze thaw damage and environmental corrosion.

Surface Preparation

All surfaces must be clean, free from efflorescence and loose debris including dust and plant material prior to application of a BP Pro sealer product.The surface and the chips must also be dry. If the surface or chips contain moisture, this could affect the look of the material on the surface when it dries and/or the penetration into the chips impacting the stabilization itself. On older pavements cleaning must be carried out and the surface must be dry to allow proper penetration of the materials into the substrate and to provide the best aesthetic results. In some cases it is necessary to remove existing sealer. Ensure the surface is thoroughly swept clean and that no chips remain on the surface prior to sealer application. We recommend that you use BP Pro cleaners created specifically for these surfaces. Follow their specific instructions to achieve your cleaning goals and properly prepare the surface.

Read First

The performance of this product is affected by the quality of the installation. Installations done outside optimum temperature and weather conditions may require special adjustments to ensure effective installation so it is our recommendation that the installations be carried out by a trained BP Pro contractor or that you call customer service for technical bulletins to avoid installations errors. Please read warranty that covers the material only.

Application Information

BP Pro Permeable Stabilizing Sealer should be applied as a light mist. The application can best be achieved with an airless sprayer or watering can. Apply when day and night temperatures are between 40°F- 95°F.Avoid windy conditions if possible. Use coverage guidelines to ensure that you use the correct amount of material for your project and divide it into measured sections to ensure that it is applied as uniformly as possible.You must apply sufficient material to the surface to achieve saturation and penetration. A squeegee should be used to remove pooling and excess material from the surface and direct it into the joints to get better penetration. This is particularly important on projects subject to vehicle traffic, aggressive cleaning or in freeze-thaw climates. Joints should be checked once dry to ensure adequate bonding of the chips. Permeable Stabilizing Sealer is a 1 coat system, however should the chips not be fully bonded then a 2nd coat application should be considered. Care should be taken to avoid over applications (see Precautionary Information to understand risks). Applications should cease in inclement weather including precipitation, high wind and excessive heat and cold. Material should not freeze in its liquid state during its curing process as this may impact the effectiveness of the chip bond. Clean all application equipment with water and do not allow material to dry in containers as removal becomes more difficult. Call 717-258-0800 or visit our website www.BPPro.biz for more information.

Coverage*

Surface	Sq. Ft. Per Gal	Sq. Me. Per Liter
Concrete Permeable Pavers	50	1
Clay Permeable Pavers	50	1

Drying Time

Dry time	30 minutes – 3 hours the surface should be dry to the touch
Cure time	24 hours for initial joint sand stabilization which occurs quickly, but complete curing will take additional time
Vehicle and precipitation	24 hours - Do not drive on surface for at least 24 hours after drying. The surface will be rain safe 24 hours after drying.

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Maintenance

Pavements should be correctly maintained to get the best performance from both the pavement and BP Pro Permeable Solvent-Based Chip Stabilizer. BP Pro sealers and protective treatments are compatible with BP Pro cleaners and maintenance products and 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 washer should be used in conjunction with BP Pro cleaners for best results; heat will significantly improve results when extracting the residue from oil based stains(call for correct cleaning practices). Care should be taken to ensure that excessive pressure is not utilized, as it may erode joint sand and could damage the surface of your Hardscape. BP Pro Permeable Solvent-Based Chip Stabilizer will not show wear patterns and topical resealing can be carried out frequently without showing significant aesthetic differences on the surface although testing should be done to verify this on your pavement. Re-applications should be carried out every 2 - 4 years depending on type of pavement, usage and wear. We recommend using BP Pro cleaning equipment to maintain these pavements call 717-258-0800 or visit our website www.BPPro. biz for more information.

Product Specifications

VOC:	**10 g/l**
Weight Per Gallon:	**~ 8 lbs**
Flash Point:	**>200**
Appearance:	**Liquid**
Odor:	**Typical**
Package Viscosity:	**23 Zahn Cup #2**
Hardness:	**13**
Solids: (average)	
By Weight	**28.5%**
By Volume	**28%**
Packaging:	**Available in gallons, 5 gallon pails and 55 gallon drums**
4 -1 gallon plastic jugs per case	**10 Lbs**
1 -5 gallon pail	**45 Lbs**
1 -55 gallon drum	**480 Lbs**
Shipping description: (CFR 49)	
Ground regulations	**Not Regulated**
Air regulations	**Not Regulated**
Vessel regulations	**Not Regulated**
Required label	**None**
Required marking	**None**
Uniform Fire Code: (CFR 29)	**Non Combustible**
HMIS Ratings:	**H - 1; F - 1; R - O; PP - X**

Product Warranty

Manufacturer warrants its products conform to the published Product Specifications on Product Information Sheet and Material Safety Data Sheet. No other warranties are expressed or implied, including those or merchantability or fitness for any purpose not expressly set forth herein.The user must conduct testing and 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 or replacement cost of the product used. (See full details on Product Information Sheet online at www.BPPro.biz)

The statements made on all published information including Labels, Product Bulletins, Product Information Sheets and Material Safety Data Sheets or by any of VANNinc.'s employees or agents concerning this product are given for general in formation only. Due to variables beyond VANNinc.'s control in application, surface preparation, temperature, humidity and other variable factors as well as design and installation on the surfaces that could limit performance of these products VANNinc. assumes no liability for any claim that may arise out of use of its products. All information provided by VANNinc. is to the best of our knowledge, accurate and true.

Packaging/Sizes

Package:	Per Pallet:
1 gallon / 4 per case	**36**
5 gallon pails	**36**
55 gallon drums	**4**
Larger bulk containers available	

First Aid

EYE CONTACT: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.
SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.
INHALATION: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.
INGESTION: Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

Precautionary Information - Read Prior to Using Product

Use adequate ventilation and wear protective clothing, eyewear, gloves and breathing aids, when working in confined spaces. Harmful if swallowed, inhaled or absorbed through 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).

Excessive applications or over-applications can cause surfaces to become slippery and cause undesirable aesthetic results. Stains and moisture should not be present prior to application as it can also impact the performance and look of the product. Testing is always recommended to ensure both proper physical and aesthetic properties prior to starting a project. Never try to seal wet or damp surfaces. A minimum temperature of 45°F must be maintained for 24 hours prior to application. Working time is reduced when temperatures are above 90°F so it is recommended that sealing take place during cooler temperatures. Work shall cease in inclement weather.

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