Invisible Penetrating Sealer

Summary

Invisible Penetrating Sealer permeates into block paving surfaces creating an invisible ultra protective barrier.

Primary Uses

Water-repellant for Interlocking concrete, clay, natural stone and permeable pavers.

Secondary Uses

Water-repellant primer for water-based paints and plaster.

Features	Benefits
Unequaled Stain Resistance	Invisible Flat Finish
Longevity	Lasts up to 3 years
Maintenance solution	Keeps pavements looking their best
Breathable	Won't trap moisture or efflorescence
Immediate Application	Seal immediately, no waiting
Penetrant	No wear patterns
Water resistant	Protects from the environment
Ready To Use	No mixing
Salt guard	Protects against freeze-thaw damage
Eco-friendly	Solvent free, will not kill plants or damage building materials

Product Description

BP Pro Invisible Penetrating Sealer is designed specifically for use on block paving to provide an invisible ultra resistant water barrier to seal and protect these surfaces. It is a water based single component polymer that penetrates to give you a penetrant invisible finish. Invisible Penetrating Sealer is a green product that is solvent free and environmentally friendly. It is VOC, EPA. OSHA and FDA compliant. It is non-hazardous and non-toxic. It is the consistency of water and has a milky appearance with a slight odor in its liquid state. It can be used indoors because it's safe and outdoors because it is UV stable. Invisible Penetrating Sealer can be applied immediately because it is breathable, and it has outstanding coverage. The product is easy to install and reduces the formation of efflorescence. Cured Invisible Penetrating Sealer is heat and freeze resistant.

Surface Preparation

All surfaces must be clean, free from efflorescence and loose debris including dust and plant material prior to application of Invisible Penetrating Sealer. The surface and the joint sand should be thoroughly dry. If the surface or joint sand contains moisture, this could affect the look of the material on the surface when it dries. On older pavements and walls 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. It is necessary to remove existing sealers, penetrating or film forming, prior to carrying out the work. The paver joint should be complete filled with dry, correctly graded ASTM C-144 jointing sand with the top level not exceeding the bottom of the chamfer or 1/8" below the surface on a tumbled paver surface. A leaf blower is the recommended method to remove dust and fine sand particles from the surface and achieve the optimum joint sand height. We recommend that you use BP Pro cleaners created specifically for stain removal. Based on your unique conditions, follow the instructions to accomplish your cleaning goals and properly prepare the surface.

Application Information

BP Pro Invisible Penetrating Sealer should be sprayed onto the pavement to saturate the surface to achieve the optimum surface seal. This spray coating can best be achieved by a low pressure spray system (example HVLP system, do not use an airless sprayer) or on small projects by using a pump-up sprayer. Refer to the coverage guidelines to ensure that you use the correct amount of material for your project. Divide the project into measured sections to ensure that it is applied as uniformly as possible. A paint roller should be used to remove pooling and excess material from the surface. A single application will seal most surfaces but additional applications can be carried out to increase water resistance on heavily trafficked and heavily maintained areas. The product is NOT DESIGNED to work on dense surfaces like limestone and marble. Care should be taken to avoid over application: (see Precautionary Information to understand risks). Applications should cease in inclement weather including precipitation, high wind and excessive heat and cold. Clear all application equipment with water and do not allow material to dry in containers or removal becomes more difficult.

Call 717-258-0800 or visit our web site www.BPpro.biz for more information.

Drying Time

These suggestions will be affected by weather and surface conditions so please take these factors into consideration.

Dry time	30 minutes – 3 hours the surface should be dry to the touch
Cure time	24 hours dry to touch 72 hours complete cure

Maintenance

Pavements should be correctly maintained to get the best performance from both the pavement and BP Pro Invisible Penetrating Sealer. 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 surfaces 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 Invisible Penetrating Sealer will not show wear patterns and topical resealing can be carried out after the correct preparation 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 as needed depending on type of pavement, usage and wear.
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Storage and Handling

Containers should be properly sealed and protected from freezing. Temperature should range between 50°F- I 00°F.

Shelf Life

Shelf life is up to 2 years

Permeable Pavers

BP Pro Invisible Penetrating Sealer is suitable for use on Permeable Concrete lnterlocking Pavements designed to provide sustainable solutions for storm water management in urban environments. Invisible Penetrating Sealer is a penetrating sealer and not formulated to stabilize joint sand or bond substrate materials.

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Product Specifications

VOC:	0 g/l
Weight Per Gallon:	8.3 lbs
Flash Point:	N/A
Appearance:	Milky Liquid
Odor:	Mild
Package Viscosity:	21 sec. Zahn Cup #2
Hardness:	N/A
Solids: (average)	
By Weight	Under 5%
By Volume	2.5%
Packaging:	Available in gallons, 5 gallon pails and 55 gallon drums
4 -1 gallon plastic jugs per case	9.5 Lbs per jug
1 -5 gallon pail	46 Lbs per pail
1 -55 gallon drum	490 Lbs per drum
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 - I ; F - O; R - O; PP - X

Precautionary Information - Read Prior to Using Product

Use adequate ventilation and wear protective clothing, eye wear, and gloves. 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.

Limitations

Not recommended for ceramic tile, marble, porcelain and terrazzo. Do not use where hydrostatic pressure is possible.

Coverage*

Surface:	Sf/gal	Sm/gal
Block Paving**	150-200	3.7-6.1
Permeable Pavers	150-200	3.7-6.1

*Actual coverage may vary depending on the type, age, condition, and porosity of the surface, application method and other local conditions like excessive heat.These coverage rates are to our best knowledge, accurate and true.
**Double application suggested on these surfaces.

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.
SKIN CONTACT: Immediately wash with soap and water. Get medical attention promptly if irritation develops or persists. Remove contaminated shoes and clothes and clean 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.
INGESTION: Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Drink plenty of water in small portions. If swallowed, do NOT induce vomiting. Get medical attention.

Product Warranty

Seller warrants that the product conforms to the published specifications. SELLER DISCLAIMS ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. User is responsible for testing the product and for determining its suitability for their intended application.

Assistance & additional Information

Consult BP Pro for specification and technical assistance and design detailing. Sales support is offered through Sales Representatives located throughout the United States, as well as internationally.

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Revised 6/13
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