



# StainBLOCKER



## Summary

StainBLOCKER penetrates block paving surfaces creating an invisible ultra protective barrier.

## Uses

Interlocking concrete and natural stone paving

## Secondary Uses

Concrete, Granite, Limestone and Marble

## Features

## Benefits

<b>Unequaled Stain Resistance</b>	Invisible Flat Finish
<b>Longevity</b>	Lasts up to 3 – 7 years
<b>Maintenance solution</b>	Keeps pavements looking their best
<b>Food stain barrier</b>	Great way to keep food areas clean
<b>Resists Vehicular Stains</b>	Protects against oil and other motor stains
<b>Breathable</b>	Non-Whitening
<b>Immediate application</b>	Seal immediately, no waiting period
<b>Penetrant</b>	No wear patterns
<b>Water resistant</b>	Protects from the environment
<b>Ready To Use</b>	No mixing
<b>Salt guard</b>	Protects against freeze-thaw damage
<b>Eco-friendly</b>	Solvent free, will not kill plants or damage building materials

## Product Description

BP Pro StainBLOCKER is designed specifically for use on block paving to provide an invisible stain resistant barrier. It is a water-based single component polymer that penetrates to give you an invisible natural finish. StainBLOCKER 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 has the consistency of water and a milky white appearance and a slight odor when in its liquid state and dries to an invisible finish. It can be used indoors and outdoors and on new and existing projects because it is safe and UV stable. StainBLOCKER can be applied immediately because it is breathable and it has outstanding coverage. The product is easy to install, offers excellent stain protection and reduces the formation of efflorescence. Cured StainBLOCKER 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 StainBLOCKER. 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 these surfaces and stains based on your unique conditions and follow their specific instructions to accomplish your cleaning goals and properly prepare the surface.

## Application Information

BP Pro StainBLOCKER should be sprayed onto the pavement to saturate the surface to achieve the optimum surface seal. This spray can best be achieved by a low pressure low volume electric fluid pump (example airless sprayer) or on small projects by using a pump-up sprayer. 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. A paint roller should be used to remove pooling and excess material from the surface. Additional applications can be carried out to increase the coating offering better stain resistance. Second application should be applied immediately after the first coat has soaked in. 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. Clean all application equipment with water and do not allow material to dry in containers as removal becomes more difficult. We recommend BP Pro application equipment including the Cart that does 2,000 – 4,000 square feet per hour and a Pump Sprayer that does 800 – 2,500 square feet per hour.

Call 866-61-BPPro or visit our website [www.BPpro.biz](http://www.BPpro.biz) for more information.

## Drying Time

These suggestions will be effected 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 for initial joint sand stabilization which occurs quickly, but complete curing will take additional time
Vehicle and precipitation	24 hours

## Maintenance

Pavements should be correctly maintained to get the best performance from both the pavement and BP Pro StainBLOCKER. 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 StainBLOCKER may 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. We recommend using BP Pro cleaning equipment to maintain these pavements call 866-61-BPPro or visit our website [www.BPpro.biz](http://www.BPpro.biz) for more information.

## Storage and Handling

Containers should be properly sealed and protected from freezing. Temperature should range between 50°F - 100°F.

## Shelf Life

Shelf life is up to 2 years



## Product Specifications

VOC:	0 g/l
Weight Per Gallon:	8.4 lbs
Flash Point:	N/A
Appearance:	Milky
Odor:	Mild
Package Viscosity:	21 sec. Zahn Cup #
Hardness:	N/A
Solids: (average)	
By Weight	Under 5%
By Volume	2.5%
Packaging: (average)	Available in gallons, 5 gallon pails and 55 gallon drums
4 -1 gallon plastic jugs per case	9.6 Lbs
1 -5 gallon pail	65 Lbs
1 -55 gallon drum	484 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 – 0; R – 1; PP – H

## Precautionary Information – Read Prior to Using Product

Use adequate ventilation and wear protective clothing, eyewear, 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 (granite), porcelain and terrazzo. Do not use where hydrostatic pressure is possible.

## Coverage\*

Surface:	sf/gal	sm/gal
Block Paving	600-1000	14.7 to 24.5
Granite	900-2000	22.1 to 49.1
Limestone	500-900	12.3 to 22.1
Marble	1200-2500	29.5 to 61.4

\*Actual coverage may vary depending on the type, age, condition, joint size, 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

**EYES:** In case of contact immediately flush out eyes for 15 minutes with cool tap water removing contact lenses after process if they were not already flushed out. Contact a physician if irritation persists or later develops. **SKIN:** In case of contact, wash with soap and water. Remove contaminated clothing and shoes. Do not reuse until cleaned. Contact a physician if irritation persists or later develops. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. **INGESTION:** If swallowed get medical attention immediately. **DO NOT** induce vomiting.

## 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 of 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](http://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 BP Pro's employees or agents concerning this product are given for general information only. Due to variables beyond BP Pro'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 BP Pro assumes no liability for any claim that may arise out of use of its products. All information provided by BP Pro is to the best of our knowledge, accurate and true.

## 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.