

## Blockseal Standard

### Block Paving Sand Stabiliser and Sealer

#### Description

A clear, low viscosity, solvent carried resin solution, designed to penetrate the jointing sand of block paving to form an insitu elastomeric joint. The flexibility of the paving is retained, sand loss from the joint is eliminated and the growth of moss and weeds inhibited. In addition to stabilising the joints, Blockseal Standard protects the paving whilst enhancing its appearance and facilitating easier removal of oil, fuels and stains. Blockseal Standard is suitable for both internal and external situations and may also be used to protect other concrete surfaces. Blockseal Standard complies with the requirements of EN 1504 Part 2.

#### Advantages


- Single component & ready for immediate use with
- Treats both block & joints in one application
- Rapid drying characteristics
- Prevents sand loss & provides long-term surface stability
- Reduces incidence of rutting
- Appearance of blocks enhanced & dusting reduced
- Facilitates easier cleaning of oil & fuels
- Efflorescence of blocks greatly reduced
- Good UV light resistance
- Hardwearing, durable & long lasting protection
- Unaffected by ice, water, most common chemicals
- Impedes growth of weeds, lichen & moss

#### Application

- Ports, docks & marina locations
- Commercial, municipal & residential developments
- Highway central reservations
- Driveways, walkways & patios

#### Technical Information

Flash point	47°C (117°F)
Capillary absorption and permeability to water	<0.1kg/m <sup>2</sup> .h <sup>0.5</sup>
Depth of penetration	Class 2

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Nufins, Kingston House, 3 Walton Road, Pattinson North, District 15, Washington, Tyne & Wear. NE38 8QA 23 0086-CPR-774186	
EN 1504-2 Surface protection system Impregnation	
Water vapour permeability	Class II (5 m≤s <sub>D</sub> ≤50 m)
Capillary absorption and permeability to water	<0.1 kg/m <sup>2</sup> .h <sup>0.5</sup>
Chemical resistance	No visual defects
Adhesion after thermal compatibility	>1.0 MPa
Depth of penetration	Class 2 (>10mm)
Dangerous substances	Complies with 5.3

Specification	Blockseal Standard is a non-yellowing and UV resistant thermoplastic resin
Coverage	Approximately 3m <sup>2</sup> per litre, depending on block porosity and joint size
Drying Time	Average 2 hours at 18°C, 70% relative humidity
Light Traffic	Acceptable 24 hours
Vehicles should not be parked on treated blocks until 3 days have elapsed.	

We strongly recommend that a trial area of paving is treated to ascertain the correct coverage rate to achieve the desired result.



## Surface Preparation

### New Installations:

Blocks should be visibly dry in appearance. The jointing sand should also be dry although a small amount of dampness can be tolerated. The jointing sand should be well compacted and slightly below the pavement level as to avoid sand being plucked out and deposited on the surface.

Do not apply when rain is expected.

### Existing Installations:

Paving should be cleaned by water-blasting, grit-blasting or steam cleaning. The surface should then be allowed to fully dry before re-sanding and compacting the joints. It is vital that, before sealing, the jointing sand is also dry.

Do not apply when rain is expected.

## Application Instructions

A liberal amount of Blockseal Standard should be applied to the surface using either a watering can with a fine rose or low pressure horticultural type sprayer. A flexible squeegee should be utilised to push any excess resin from the top of the paving and into the joint valleys. One application is normally sufficient, but where a more chemically resistant and hard wearing surface is required, then a second application may be applied within 24 hours of the first.

Attention should be paid to ensure sufficient material penetrates the block joints to achieve sand-stabilisation without leaving an excess of Blockseal Standard on the surface of the block.

On paving of a rigid construction we would recommend an application using a soft brush or roller if spraying is not desirable.

## Cleaning

All equipment should be cleaned immediately using Nuwash. Empty Blockseal Standard drums should be left open.

## Special Applications

In certain situations, where priorities vary, such as sand stabilisation in speed ramps, trafficking times may be greatly reduced. If trafficking times are of major consideration please seek the advice of Nufins technical department.

## Packaging

Blockseal Standard is available in 5 & 20 litre drums.

Nuwash is available in 5 & 20 litre drums.

## Storage

Blockseal Standard is flammable, due precautions should be made when handling and storing this material.

The shelf life is 12 months when stored unopened in dry, normal conditions and away from direct sunlight. Protect from frost.

## Health & Safety

Product Safety Data Sheets (SDS) are available from Nufins. SDS sheets are provided to help customers satisfy their safe handling, use and disposal needs as well as assist with any conformance requirements made locally by health and safety regulations.

SDS are continually updated to provide the very latest information to our customers. We therefore recommend contacting our head office to obtain the most recent and accurate SDS before handling and using any product.

## Disclaimer

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied themselves independently as to the suitability of our products for their own particular purpose. In no event shall Nufins be liable for consequential or incidental damages.

Users must always refer to the most recent issue of the Technical Datasheets, copies of which will be supplied on request.

## Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors. Technical contacts are available to provide further information and arrange demonstrations.

Other block paving sealers are available including a low odour, non-flammable version and a temporary joint stabiliser.