

Blockseal Standard

Block Paving Sealer

Description

Blockseal Standard is a clear, low viscosity, 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 the Blockseal Standard protects the paving whilst enhancing its appearance and facilitating the easy 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 EN1504 part 2.


Advantages

- Prevents sand loss from joints.
- Colour of block enhanced by highlighting the natural stone.
- Prevents penetration of oil and fuels and allows for easy removal.
- Efflorescence of blocks greatly reduced.
- Treats both block and joints in one application.
- One component, ready for immediate use with rapid drying characteristics.
- Hardwearing, durable, long lasting and prevents dusting of blocks.
- Unaffected by ice, water, most common chemicals.
- Inhibits growth of weed, lichen and moss.
- Good UV light resistance.

Technical Information

Specification	Blockseal Standard is a non-yellowing, ultra violet resistant thermoplastic resin
Coverage	Approximately 3m ² 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.

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Nufins, Kingston House, 3 Walton Road, Pattinson North, District 15, Washington, Tyne & Wear. NE38 8QA 13 0086-CPD-594215	
EN 1504-2 Surface protection system for concrete Impregnation	
Water vapour Permeability	Class 2 (5m≤s _D ≤50m)
Capillary absorption and permeability to water	<0.1kg/m ² per hr ^{-0.5}
Chemical resistance	No visual defects
Adhesion after thermal compatibility	>1.0 MPa
Depth of penetration	Class 2 (>10mm)
Dangerous substances	Complies with 5.3

Shelf Life	12 months if unopened
Flash Point	47°C (117°F)
Capillary absorption and permeability to water	<0.1kg/m ² per hr ^{-0.5}
Depth of Penetration	Class 2



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 dry before re-sanding and compacting the joints. It is preferable that, before sealing, the jointing sand is also dry.

Do not apply when rain is expected.

Application

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

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

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

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

Special Applications

In certain situations, where priorities vary, such as sand stabilization in speed ramps, trafficking times may be greatly reduced. If trafficking times are of major consideration please seek the advice of our Technical Department.

Packaging

Blockseal Standard is available in 5 and 20 litre containers.

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.

Storage

The material should be stored at normal room temperature, away from foodstuffs and out of the reach of children.

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.

