

# **BLOCKSEAL STANDARD**

## **Block Paving & Jointing Sealer**

### **Description**

Blockseal Standard is a clear low viscosity urethane pre polymer, 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 is reduced. Blockseal Standard is suitable for both internal and external situations and may also be used to protect other concrete surfaces.

### **Advantages**

- Prevents sand loss from joints.
- Colour of block enhanced by highlighting the natural tones.
- Reduces penetration of oil and fuels and reduces staining.
- Efflorescence of blocks greatly reduced.
- Treats both blocks and joints in one application.
- One component, ready for immediate use with rapid drying characteristics.
- Hard wearing, durable and long lasting and prevents dusting of blocks.
- Unaffected by ice, water and most commonly used chemicals.
- Reduces growth of weed, lichen and moss.
- Good UV light resistance.

### **Technical Information**

Specification:

Blockseal Standard is an elastomeric, urethane, pre polymer.

Coverage:

3m<sup>2</sup>/litre \*see Limitations.

Drying Time:

Average 2 hours at 18°C, 70% relative humidity.

Light Traffic:

Acceptable 12 hours. Vehicles should not be parked on treated blocks until 3 days have elapsed.

Shelf Life:

12 months in unopened sealed containers.

Flash Point:

47°C

Elongation:

Complies with ASTM D2370 100% elongation at break.

### **Surface Preparation**

#### **New Installations:**

Blocks should be visibly dry in appearance. The jointing sand should also be dry. 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.

#### **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 of the joints is undertaken. Before applying Blockseal Standard the blocks and jointing sand should be dry.

## **Application Instructions**

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 used to evenly spread the Blockseal Standard. Care should be taken to ensure that the joints between the blocks receive a liberal application of the material. One coat is normally sufficient but where a more chemically resistant hard wearing surface with a sheen finish 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.

Do not return unused material to the original container and ensure partly used drums are resealed. All equipment should be cleaned immediately using Nuwash. Empty Blockseal Standard drums should be left open and a small quantity of water added to each drum. Do not reseal.

On paving of a rigid construction we would recommend application using a soft brush.

## **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 our Technical Department.

## **Health & Safety**

Blockseal Standard and Nuwash are flammable liquids and adequate ventilation should be provided and all naked flames extinguished. Do not smoke during application. Blockseal Standard, like similar products, is capable of irritating unprotected skin, we therefore recommend the use of suitable protective clothing, including gloves and goggles. When spraying in confined or poorly ventilated areas, an air fed mask or combination of charcoal filter and particulate filter is recommended. Once the solvent has evaporated and the coating has fully cured the product is deemed inert and not hazardous.

## **Accessories**

Nufins are able to supply all application equipment.

## **Packaging**

Blockseal Standard is available in 5 and 25 litre containers.

## **Limitations**

Blockseal Standard is not recommended for use on composition tiles, Bitumen, rubber, vinyl and other plastic flooring or coatings.

Do not apply when rain is expected or when the blocks and jointing sand are damp.

Blockseal should not be applied when rain is forecast during the drying cycle. Suitable precautions should be taken to protect newly applied Blockseal from the rain. Please consult your block paving supplier regarding the suitability of the sealer prior to application of Blockseal. Blocks vary considerably in absorption, therefore, prior to carrying out the main body of work we would recommend that a small site trial is carried out to determine the aesthetic qualities of Blockseal in relation to the blocks being sealed.

## **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 representatives are available throughout the UK to provide further information and arrange demonstrations.



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