

# Block Seal

**Single pack polyurethane sealer and binder for block paving**



**“maintenance made easy”**



## PRODUCT DESCRIPTION

**Block Seal is a moisture curing polyurethane-based low viscosity pre-polymer in hydrocarbon solvents. Its elastomeric formulation is designed to seal and stabilise block paved areas, reducing surface porosity and penetrating and binding the jointing sand. The resulting surface is resistant to permeating of liquids and oil contamination and is unaffected by ice and de-icing salts, and can withstand temperatures in excess of +200°C.**

**Block Seal binds the sand and bonds the pavers together, eliminating the problems associated with sand loss caused by vacuum sweepers, jet thrust, pressure washing or flooding. It also prevents plant growth and protects against contamination of bedding sand and groundwater.**



### TYPICAL USES

Block Seal is ideally suited for treatment of block paving at service stations, airfields, ports, shopping centres and pedestrian zones, drives and parking areas.

### SUITABLE SUBSTRATES

Block Seal may be used on both concrete and clay pavers.

### COLOUR

Block Seal is a transparent straw-coloured liquid drying to a clear gloss finish once applied.

### PACKAGING

Block Seal is supplied in 5.0 litre units and 20.0 litre drums.

**DIRECTIONS FOR USE *Cont.*****SURFACE PREPARATION**

Ensure paving surface is **DRY** and free of oil and grease, moss and plant growth, dirt and debris.

**The following preparations are recommended:**

**Oil and grease** – remove with Polycote Degrease IT, then rinse thoroughly and allow to dry. See relevant Data sheet.

**Moss, lichen and fungal growth** – remove by stiff broom or jet washing, then treat the area with Polycote Destroy IT – see relevant Data sheet.

Once necessary preparations have been carried out, allow to dry thoroughly and top up joints with kiln dried sand as may be necessary before applying *Block Seal*.

**APPLICATION**

*Block Seal* is normally applied by squeegee, roller or spray. One or two coats may be required depending on the porosity of the surface. Excess material remaining on the surface of the blocks may be removed whilst wet using a foam roller.

Containers must be kept sealed as the material will evaporate and react with air/humidity. Opened material must be used within 24 hours.

**CURING TIME**

The curing time is between 2-3 hours at 20°C with 40% humidity.

The area may be opened to foot traffic as soon as it is dry but should not be subjected to vehicular traffic for approximately 3 days, depending on weather conditions.

**APPLICATION CONDITIONS**

*Block Seal* should be applied at temperatures between 10°C and 25°C.

Do not apply when there is a likelihood of rainfall before the drying time of the coating has elapsed.

**COVERAGE**

The coverage of *Block Seal* is 12-15m<sup>2</sup> per 5L unit, or 45-50m<sup>2</sup> per 20L drum, depending on the texture and porosity of the surface.

**CLEANING**

Tools and equipment should be cleaned whilst resin is still wet with Solvent Cleaner.

Hands and skin should be cleaned immediately with organic hand cleaner.

**SHELF LIFE AND STORAGE**

Shelf life in unopened containers is approximately 6 months subject to conditions of storage.

Store in a cool, dry, frost-free environment away from sources of ignition, between 10°C-25°C.

**HEALTH & SAFETY**

**Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.**

**ANY QUESTIONS?**

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline

**01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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