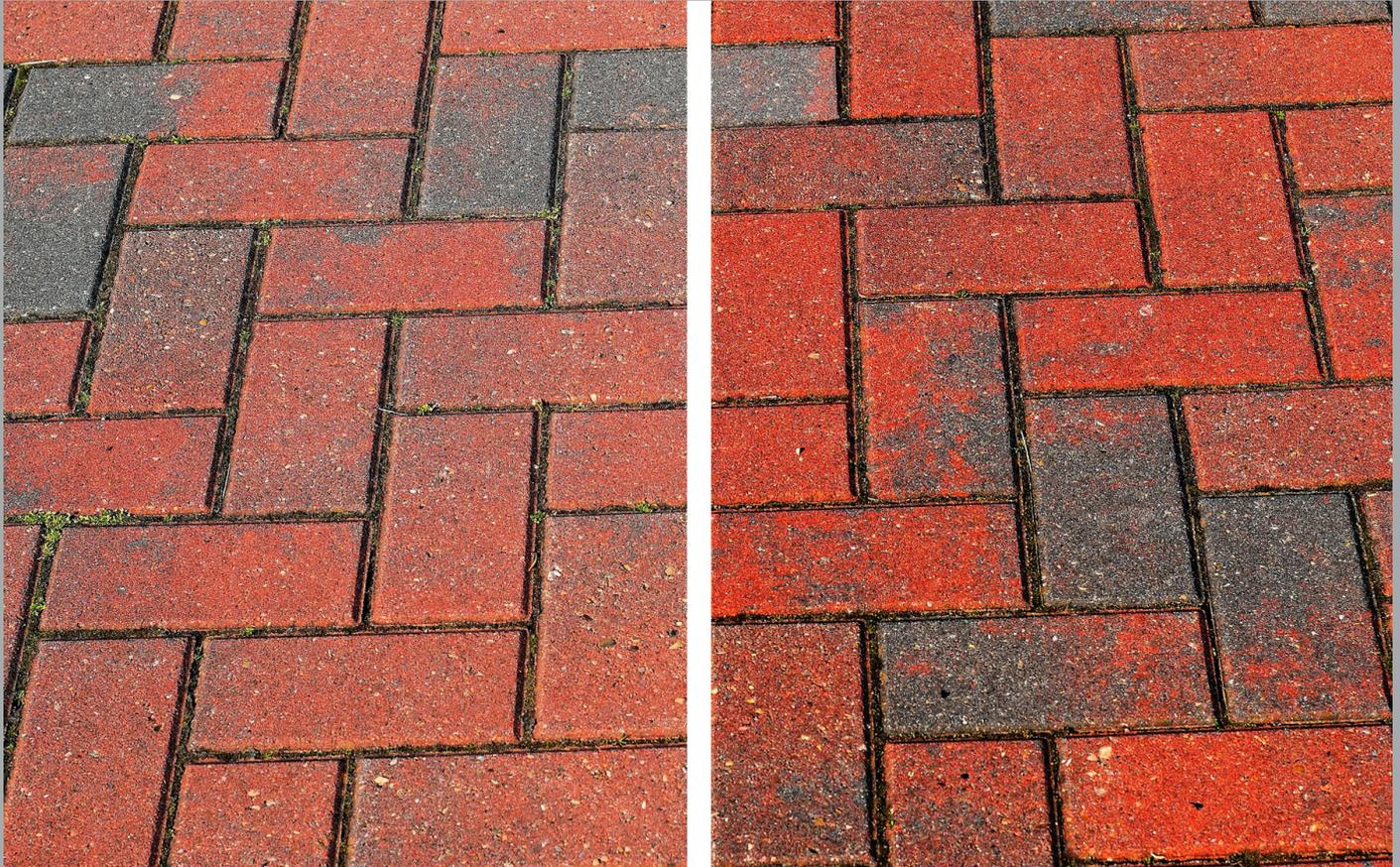


# FibreGrid Heavy Duty Block Paving Sealer



## Product Description

Heavy Duty Block Paving Sealer is a clear, low viscosity, polyurethane resin, designed to penetrate the jointing sand of block paving to form an elastomeric joint.

The flexibility of the paving is retained, sand loss from the joint is minimised and the growth of moss and weeds can be prevented.

In addition to stabilising the joints, Heavy Duty Block Paving Sealer protects the paving whilst enhancing its appearance and improves the removal of oil, fuels and stains.

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## Characteristics

- Extremely heavy duty formula - our low viscosity polyurethane resin is designed to penetrate the jointing sand of block paving to form an elastomeric joint, minimising the growth of moss and weeds between paving slabs.
- In addition to stabilising joints, our Heavy Duty Block Paving Sealer protects the paving whilst enhancing its appearance and creating an easier substrate to clean and keep free from oil, fuels and stains.
- Suitable for - commercial, public or industrial premises with heavy to extremely heavy traffic.
- UV light resistant, and weather resistant - unaffected by ice, water and most common chemicals.
- Quick to apply - cures and seals concrete block paving in one application.
- Dries to a sheen finish.



## Technical Data

Coverage:	3m <sup>2</sup> per litre
S.G:	0.9
Depth of penetration:	Class 2 (>10mm)
Water vapour permeability:	Class 2 (5m <sup>s</sup> sD≤50m)
Drying time:	Approx 2 hours at 19°C, 70% humidity
Light trafficking time:	Acceptable after 24 hours at 19°C
Approx re-application period:	8 - 10 years
Shelf life:	12 months if unopened



## Preparation

### New Installations:

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

**We recommend that application is undertaken only in Spring & Summer (end April to end September) in dry conditions.**

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## Application

A liberal amount of Heavy Duty Block Paving Sealer 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 Heavy Duty Block Paving Sealer 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 Heavy Duty Block Paving Sealer on the surface of the block.

All equipment should be cleaned immediately with solvent. Heavy Duty Block Paving Sealer drums that are empty 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.



## General Maintenance

### Packaging

Heavy Duty Block Paving Sealer is available in 5 and 20 litre containers.

### Storage

Flammable materials should be stored at room temperature and in accordance with current regulations. Keep out of the reach of children.

### Health & Safety

Ensure adequate ventilation and do not use near naked flames or smoke during use as the product is inflammable. Avoid contact with skin and eyes.



## Frequently Asked Questions

**Q. If there is a break in applying, does it dry to a different shade being applied at different times? Can you see the break?**

A. If the application is interrupted there may be a risk of a slight difference in colour. A single continuous application is always preferable.

**Q. Does the product affect any slip properties of the substrate, e.g tiles with a rough surface?**

A. The sealer penetrates the surface leaving only a minimal coating on the surface, so therefore the slip potential should not be greatly affected.

**Q. If applied using a hand pump, will the product damage the O Rings?**

A. The material is solvent borne, therefore if the equipment is not solvent resistant then yes this will damage the seals.

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**Q. If someone reuses a container that has previously had weed killer in then thoroughly cleaned and dried it, would there be a reaction if they then put the block paving sealer in?**

A. If the material comes into contact with any water or moisture then there could be a reaction producing a detrimental effect upon the applied material.

**Q. Is the block paving sealer polyurethane or acrylic based?**

A. The sealer is PU Polyurethane based.

**Q. Will the sealer whiten with moisture either from above or below?**

A. If the application instructions are followed thoroughly, there should be no whitening. This will be at risk of occurring only when material is either put on a damp surface or it rains before the material has dried.

**Q. Does this product react with rollers and plastic trays used to apply it?**

A. Rollers and plastic trays should be fine as they are usually made of materials with some solvent resistance.

**Q. Can the sealer be decanted into a smaller vessel? Will an ordinary plastic syphon cope with the decanting or will it dissolve?**

A. The syphon and new vessel would have to be made of solvent resistant material. Another option could be to use a funnel made of metal or solvent resistant material, and decant that way. Any decanting should always be performed in a well ventilated area.

**Q. Can it be applied to a natural stone patio?**

A. The Heavy Duty Paving Sealer is a PU based resin which is suitable for any concrete/stone surfaces.

**Q. My driveway is concrete with an imprinted block paving pattern imprinted in it. Is this still ok to use on this substrate?**

A. Although it should be fine, we always recommend patch testing first to be on the safe side.

**Q. Does the sealer allow water to drain/penetrate?**

A. Once treated, the paving will resist water ingress but the resin is permeable to water vapour so some "breathing" of the paving will occur, however this is not a notable feature of this material.

**Q. How long before it needs reapplying?**

A. The lifetime of the coating would be expected to exceed 2 years, however the exact lifetime will be dependant upon the amount of wear/trafficking and the porosity of the substrate.

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