



K-Seal Block & Paving Sealer

DESCRIPTION

Kingfisher “K-Seal Block & Paving Sealer” is a multi-purpose solvent acrylic sealer suitable for application to a broad range of paved and concrete surfaces. It is manufactured using only premium grade acrylic resins and hydro-carbon solvents. “K-Seal Block & Paving Sealer” is a penetrating clear liquid resin which enhances the colour of paving with a pleasing matt finish on porous materials like paver blocks and a satin finish on harder materials such as slate.

Companion / Related Products:

- Kingfisher “Bio-Wash”
- Kingfisher “Max Strength Patio Cleaner”
- Kingfisher “Blockfill” brush in grout for narrow joints
- Kingfisher “Solvent Resistant Sprayer”
- “Geofix” brush in grout for wide joints
- Kingfisher “Pointing Mortar”
- Kingfisher “Solvent No. 2”

(Refer to these individual product data sheets for detailed application guidance – published on our website www.kingfisheruk.com)

USES

- Domestic and light commercial:
- Block Paving
- Natural Stone e.g. Indian sandstone / Limestone
- Slate
- Concrete Paving Slabs
- Flag stones & more...

If in doubt, please call our technical services department on 01229 869 100 for guidance.

ADVANTAGES

- Ease of application by roller, brush or spray (see application section for guidance)
- Highly durable weatherproof finish with high UV and oil stain resistance
- Protects against moss and algal growth
- Penetrating formulation extends the life and improves the appearance of paving materials

SURFACE PREPARATION

1. Clean the surface

To ensure that the “K-Seal Block & Paving Sealer” keys to the paving, the surface must firstly be cleansed of all moss, mould, lichen, carbon deposits, oil stains and airborne dirt. Thoroughly wash the paving using a pressure washer, ideally with an output pressure of 2500 to 3000 psi and a spray lance equipped with a “turbo-jet” nozzle or specialist rotary attachment designed for cleaning paved surfaces. Alternatively, the surface can be cleaned manually with Kingfisher “Max strength patio cleaner” and a stiff bristle deck scrubbing brush (see relevant product data sheet). Allow to dry.

2. Repairs

It is often only after cleaning that the full extent of required repairs becomes obvious. Replace cracked or broken flagstones / pavers with new or good condition weathered ones (sometimes Continued...

a better match!). Block paving with joints 1.5mm to 5mm wide should have the joint sand topped up with either kiln dried sand or Kingfisher "Blockfill". Flagstone joints (typically > 8mm) should be re-pointed using either "Geofix" brush-in curing sand or Kingfisher "Pointing Mortar". Make sure that all excess sand residues are carefully swept up using a soft broom so as to avoid unsightly sand debris being sealed onto the block faces.

3. Biocidal Wash Treatment

After cleaning (once dry) the paving should be thoroughly sprayed to refusal with Kingfisher "Bio Wash". This is applied by low pressure sprayer (as for weed killer etc.) to the entire paving surface and is left to dry out (do not rinse). This is an extremely important phase in the process because it will greatly reduce the possibility of moss or lichens re-establishing. The pressure washing process leaves the paving looking clean but the moss root systems and mould/lichen spores are still present in hundreds of microscopic crevices and especially in the joints. Spraying the paving liberally with Kingfisher "Bio Wash" ensures that the paving is sanitised and inert, ready for the first coat of "K-Seal Block & Paving Sealer".

Note: Some paving materials occasionally exhibit corrosive efflorescence (salting) and where this occurs it can cause sealers to de-laminate. If this occurs, contact our technical department for guidance.

APPLICATION

"K-Seal Block & Paving Sealer" should be applied neat without dilution by either brush, roller or sprayer. Always apply to a small inconspicuous test area to check you are satisfied with the finish before proceeding to full application.

a) Brush Application: Use only premium grade brushes suitable for use with solvent based paints. Budget range brushes will shed their bristles spoiling the finish. Work in broad even strokes working first in one direction, then the other, ensuring that no ponding occurs.

b) Roller Application: Use a standard (disposable) medium knap roller fixed to a sturdy decorator's pole and roll the product on in broad sweeps ensuring even coverage without ponding.

c) Spray Application: It is possible to apply the product using either a manual low pressure solvent resistant sprayer (see: Kingfisher Solvent Resistant Sprayer) or a professional airless high pressure sprayer (e.g. "Graco" 4900 / 5900 series). The main advantage of this method of application is that it eliminates the possibility of any sand being picked up from the joints by a sticky roller or brush. Standard garden/ DIY sprayers (including fence sprayers) are NOT suitable as they do not have solvent resistant seals.

Apply two coats for best results allowing 3 to 4 hours between coats.

Note: "K-Seal Block & Paving Sealer" **MUST NOT** be applied to wet or damp surfaces, if rain is imminent, in high humidity or if ambient temperatures are below +5°C over the following 24 hr period. As with all solvent acrylic sealers, be sure to schedule the works allowing sufficient time for initial cure to take place before the evening dew point to avoid airborne moisture contamination.

CLEAN UP

Brushes can be cleaned in Kingfisher "Solvent No.2" but disposable rollers should be allowed to cure fully before being discarded.

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Spray equipment must be thoroughly flushed with Kingfisher "Solvent No.2" before being stored away.

If the sealer should become accidentally moisture contaminated during application or drying, this will result in white staining (oil & resin mixing with water). This can be re-mediated with Kingfisher "Solvent No.2" and you should refer to the relevant Product Data Sheet on our website for detailed instructions.

Note: White spirit is NOT suitable for cleaning up Kingfisher "K-Seal Block & Paving Sealer".

PRODUCT DATA

Appearance	Clear liquid, matt to satin finish when cured
Coverage	5 – 7m ² / litre per coat
Initial Cure	3 – 4 Hours @ 20°C
Time between coats	3 – 4 Hours @ 20°C
Full Cure	24 Hours @ 20°C
Application Temperature	+6°C to +35°C
Service Temperature	-20°C to +50°C
Curing Efficiency BS 7542	>70%
Specific Gravity	0.82 @ 20°C

PACKAGING /COLOURS

"K-Seal Block & Paving Sealer" is supplied in 5 litre cans and 25 litre drums.

STORAGE

"K-Seal Block & Paving Sealer" is flammable. Store in original packaging in a cool dry place, out of direct sunlight, away from sources of ignition. Keep out of reach of children. **NO SMOKING.**

SHELF LIFE

The product has a shelf life of 12 months from the date of manufacture, subject to correct storage conditions.

HEALTH & SAFETY

- **If applying by spray wear a face mask and eye protection.**
- **Wear disposable gloves and overalls during preparation and application.**
- **Avoid contact with skin and eyes.**
- **If contact occurs wash immediately with plenty of water.**
- **Keep out of reach of children.**
- **Ensure good ventilation during application and drying.**
- **Always dispose of empty packaging responsibly.**
- **The product is flammable so do not apply near sources of ignition. NO SMOKING.**
- **Contains solvent aromatic middle distillate and is classified as harmful.**
- **Keep children and pets away from treated areas until fully cured.**
- **Do not allow run off to contaminate drains, waterways or planted areas.**

Before using this product read the Material Safety Data Sheet which can be obtained at www.kingfisheruk.com or by calling the Kingfisher Technical Dept. Tel: 01229 869 100.

The information given in this product data sheet is given in good faith, based on current knowledge and experience. It relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate as of the date indicated. All recommendations are made without warranty or guarantee, as to accuracy, reliability or completeness since the conditions of use are beyond our control. It is the user's responsibility to satisfy themselves as to the suitability and application of such information for their own use.