

## Block Star - Colour Changing Sealer

**“DO NOT APPLY IN WET CONDITIONS”**

Appearance	Solid charcoal finish
Coverage	3 - 5 m <sup>2</sup> / litre per coat
Initial Cure	3 - 4 hours @ 20°C
Time between coats	3 - 4 hours at 20°C
Number of coats	2 (Two)
Full cure	24 hours at 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
Shelf life	12 Months



### DESCRIPTION

Kingfisher “Block Star” is a pigmented, solvent acrylic resin sealer and colourant designed to transform the appearance of “faded and jaded” block paving. Manufactured using only premium grade resins and light-fast pigments, Kingfisher “Block Star” combines the penetrative attributes of a sealer with the solid colour of a paint, allowing a contemporary look to be achieved at a fraction of the cost of a new driveway.

Companion or related products:

- Kingfisher “Bio-Wash”
- Kingfisher “Max Strength Patio Cleaner”
- Kingfisher “Blockfill, brush in grout for narrow joints”
- Sika “Fast Fix” All Weather Compound
- Kingfisher “Solvent Resistant Sprayer”
- Kingfisher “Ultimate Topcoat”
- Kingfisher “Solvent No.2”

### USES

Domestic and light commercial:

# Manufacturers to the building industry

## Specialist Coatings



Sealants

## Roof Coatings



Paving Sealers

## Timber Treatments



Damp Proofing

## Membranes



Basement Waterproofing

- Block Paving
- Porous concrete

Please Note: This product cannot be used on printed, embossed concrete.

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

## ADVANTAGES

- Solid colour facilitates transformational colour changes, even on the most dated of colour schemes.
- Save £hundreds or even £thousands compared to repaving an otherwise serviceable surface.
- Unlike paints, won't peel or de-laminate.
- Normal maintenance coats can be applied without the need to strip previous applications.
- Leaves the surface texture visible for an authentic finish.
- 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.

## DIRECTIONS

### 1. Clean the surface

To ensure that the Kingfisher "Block Star" 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 pavers with new or good condition weathered ones (sometimes 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" or Sika "Fast Fix". 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 Kingfisher "Block Star".

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

## APPLICATION

### “SHAKE THE CONTAINER THOROUGHLY BEFORE USE”

Kingfisher “Block Star” should be applied neat without dilution by either brush, roller, or sprayer. Always apply to a small inconspicuous test area first to check you are satisfied with the finish before proceeding to full application. It is most important to thoroughly agitate the container before use as the pigments can drop to the bottom of the container in transit leading to an uneven finish. If in doubt “dip” the drum with a broom handle to check adequate dispersion.

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. Brush application is especially recommended for grey/charcoal border details where it is easier to “cut in” for an accurate finish.

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.

Two coats of “Block Star” evenly applied are recommended for optimal depth of colour, although a single coat may be sufficient on some darker substrates (user discretion). An optional “lacquer coat” of Kingfisher Ultimate Topcoat lends durability and a glossier finish but should be applied by SPRAY only. Apply one coat. Please note this application will require 5 to 7 days to reach full cure before vehicle traffic may resume. Foot traffic permitted after 24 hours.

Note: Kingfisher “Block Star” 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. 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 remediated 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 “Block Star”.**

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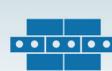
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## PACKAGING

Kingfisher “Block Star” is supplied in 5 litre cans.

## SHELF LIFE & STORAGE

Kingfisher “Block Star” is flammable. Store upright 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. Agitate/shake regularly.

## 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](http://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, 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.