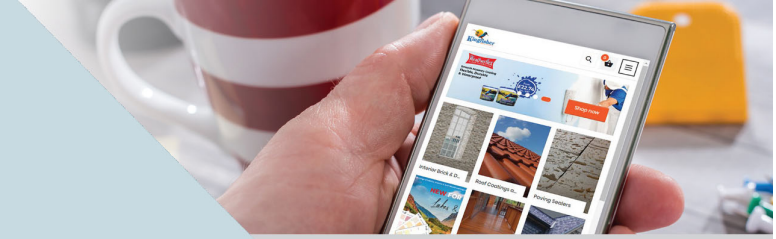

TECHNICAL
DATA SHEET

Concrete Floor & Wall Seal (Sheen Finish)

Appearance	Translucent (may darken substrate)
Coverage	4 – 6m² / litre per coat
Initial cure	4 – 8 Hours @ 20 °C
Time between coats	6 - 8 Hours @ 20 °C Or when touch dry
Full cure	24 Hours @ 20 °C
Application Temperature	+6 °C to +26 °C
Service Temperature	-20 °C to +50 °C

DESCRIPTION

“Kingfisher Floor & Wall Seal” is a very fine particle pure acrylic ester dispersion, formulated to penetrate, consolidate, seal and protect porous mineral substrates. “Kingfisher Floor & Wall Seal” is supplied as a water based translucent liquid.

This product has a VOC content of <1 g/L, determined in accordance with ISO 11890-1. Based on this data, the product satisfies the VOC requirements applicable to BREEAM Hea 02 Indoor Air Quality for decorative coatings/sealers.

EU limit value for this product (cat.A/h): 30 g/l (2010) This product contains max. 1 g/l VOC.

USES

“Kingfisher Floor & Wall Seal” is extremely versatile and has the following uses both internal and external:

• Hardens and seals concrete which has been rain damaged before full cure.

• Excellent dust control for stone and brick walls e.g. plant rooms, garages, warehouses, utility areas & much more.

• Allows fan-cooled electronic equipment (e.g. PCs, printers) to be located in workshops or site offices without risk of abrasive dust inhalation.

• Seals sprayed applied concrete (e.g. shotcrete) and renders.

• Perfect primer for decoration of friable surfaces

• Seals and protects concrete walls including pre-cast structures and block built walls.

• Seals quarry tiles and thermoplastic tiles.

• Protects mineral surfaces from moisture ingress and subsequent frost attack.

• Resists staining from petrol, oil and many household chemicals.

If in doubt, please call Kingfisher Building Products on Technical Dept. Tel: 01229 869 100.

ADVANTAGES

• Ease of application by brush, roller or low pressure manual pump spray.

• Water based formula has minimal odour during application and curing compared to conventional solvent acrylic sealers.

• Easy clean-up of brushes and spray equipment with soap and water only.

LIMITATIONS

"Kingfisher Floor & Wall Seal" will not "make good" floors or surfaces where prior disintegration has taken place, nor will it give added strength to these areas.

SURFACE PREPARATION

1. Concrete floors.

Older floors should be thoroughly washed down with either pressure washer or scrubbed with water and soap detergent and if necessary a floor degreasing agent. Rinse and allow to dry. If any indentation or crack repairs are needed these should be made with an appropriate polymer or epoxy modified repair system. e.g. "Kingfisher Damp Floor Sealer Kit". Recently poured, "dusting" or rain "pocked" concrete should be carefully vacuumed to remove as much dust as possible.

2. Concrete walls.

Contaminated concrete walls should be scrubbed down, pressure washed or vacuumed as appropriate. Carry out surface repairs as above.

3. Blockwork, Brick, Stone & Masonry

Dry and clean walls normally only require vacuuming but soiled surfaces may require pressure washing or scrubbing with detergent and water. Failed masonry joints should be raked out and re-pointed with an appropriate repair mortar e.g. "Kingfisher Pointing Mortar" & "Kingfisher Pointing Solution".

APPLICATION

For best results apply 2 x even coats by brush, roller or low-pressure spray. All substrates should be clean and free from laitance, dust, dirt, grease, fats, curing membranes etc. The product may be applied to damp surfaces, but this will retard drying times and limit penetration, adhesion and durability. Supplied ready to use, the product typically yields a coverage rate of 4 to 6 sq metres per litre depending on the porosity of the surface. Drying time will vary depending on the ambient temperature, but normally 4 to 8 hours should be allowed for each coat to fully dry.
For the best results allow surfaces to cure for a minimum of 24 hours before allowing traffic /pedestrian use.

DO NOT apply at air or surface temperatures below +8°C

COVERAGE

Dependent on the porosity of the surface the product should cover approximately 4 – 6m² / litre per coat

PACKAGING & STORAGE

Kingfisher Concrete Floor & Wall Seal is supplied in 5 litre & 25 litre Plastic containers.
This product is non-flammable. Store in original container in a cool dry place, out of direct sunlight. Do not allow to freeze. Keep out of reach of children.

SHELF LIFE

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

HEALTH & SAFETY

- 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. Remove contact lenses if possible.
- Keep out of reach of children.
- Always dispose of empty packaging responsibly.
- Keep children and pets away from treated areas until fully cured.

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.