



EPOXY FLOOR PAINT

Appearance	Solid coloured satin finish
Coverage	4-6 m ² / litre per coat (2 coats required)
Initial cure	6-8 hours at 20°C or when touch dry
Full cure	2 to 7 days at 20°C
Application (surface) temp	+5°C to +25°C



DESCRIPTION

Kingfisher “Epoxy Floor Paint” is a 2 part (resin and activator) premium grade, water based epoxy resin coating. The non-toxic and non-taint formulation dries to an extremely tough satin finish with a slight “sheen”. It is resistant to a wide variety of chemicals including white-spirit based materials, petroleum, diesel, hydraulic fluids and more, making it ideal for many industrial, agricultural, domestic and commercial applications. It is supplied as a 2 part product, conveniently packed in generously proportioned containers to facilitate ease of mixing. Easy to apply on concrete, stone, brick, metals, timber and more.

Companion / Related Products:

- Kingfisher “Floor and Wall Sealer”
- Kingfisher “Tuff Patch”
- Kingfisher “Epoxy Damp Floor Sealer Kit”
- Kingfisher “K-X11 Waterproof Admixture”
- Kingfisher “Anti-Sulphate Solution”

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

USES

Standard floor paints typically flake and peel but Kingfisher “Epoxy Floor Paint” creates an industrial grade satin-sheen finish which is both highly durable and easy to keep clean. Kingfisher “Epoxy Floor Paint” offers excellent abrasion resistance making it the perfect choice for high traffic areas where pallet trolleys and forklifts are operating. Being water-based and non-taint, Kingfisher “Epoxy Floor Paint” minimises disruption when applied in food prep areas, medical and animal environments with its signature “low odour” characteristics.

On floors & overlapping of walls in: Domestic, industrial, commercial and agricultural environments:

- Food Production Kitchens
- Utility Rooms
- Plant Rooms

Manufacturers to the building industry

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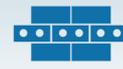
Sealants

Roof Coatings



Paving Sealers

Timber Treatments



Damp Proofing

Membranes



Basement Waterproofing

- Warehouses
- Workshops
- Garages
- Milking Parlours
- Kennels

ADVANTAGES

Kingfisher “Epoxy Floor Paint” is an easy-to-use water based formula, using the latest epoxy resin technology to create a product with the following advantages:

- Super-tough 2 pack formula creates an exceptionally durable floor finish
- Dries in as little as 8 hours
- Can be applied to damp surfaces
- Chemical & oil resistant, especially to solvents including hydraulic and brake fluids
- Stunning depth of colour
- Slip resist, easy clean satin finish
- Easy to apply by brush or roller
- Non-taint & Non-toxic (Water based)
- Low odour & solvent free

SURFACE PREPERATION

1. Clean the surface: To ensure the Kingfisher “Epoxy Floor Paint” keys to the floor or wall, the surface must firstly be cleansed of all dust, dirt, oil residue and other surface laitance. If necessary, use a de-greasing agent to thoroughly de-contaminate oil stained surfaces. Acid-etch new concrete as required. Flaking paint should be removed by abrasion or wire brushing. If the surface is dusty this should ideally be vacuumed to remove fine particles.

2. Surface repairs:

It is often only after cleaning that the full extent of required repairs become obvious. Fill any minor holes in concrete with repair mortar of sand, cement, fine aggregate and “Kingfisher K-X11” mixed with 4 parts water. Larger holes may require our “Kingfisher Tuff Patch” epoxy repair, especially if this area is to be subject to vehicle traffic. If the concrete surface is “soft” either in specific areas or over the entire surface, then contact Kingfisher Technical Services for advice on selecting a penetrating sealer to consolidate the surface before painting is attempted.

****Important!*** *If damaged and/or un-level concrete is also damp, use Kingfisher “Damp Floor Epoxy Sealer Kit” which contains a flooring compound to both level the surface and seal cracks permanently.*

3. Salt (Efflorescence) Treatment: Where the floor is clearly suffering from rising damp, the concrete will inevitably be contaminated with hygroscopic ground water salts. These salts must be neutralised by pre-treating with “Kingfisher Anti-Sulphate Solution” to avoid delamination resultant from chloride/sulphate corrosion.

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4. New Concrete: As with all cementitious products, newly poured concrete has a high alkalinity which combined with chloride and moisture evaporation during curing can cause de-lamination of any coating which is applied to early. We recommend allowing concrete to cure fully before applying the epoxy coating (typical curing rate = 1 day per mm thickness of concrete). In addition, we suggest an application of “Kingfisher Floor & Wall Sealer” to assist with neutralising the alkalinity of new concrete. Kingfisher “Epoxy Floor Paint” should always be applied in TWO coats where it is finished surface coating.

APPLICATION

a. Brush application: Apply using standard painting techniques but use only premium grade brushes suitable for use with epoxy resin. Budget range brushes will shed bristles spoiling the finish.

b. Roller application: Use a standard medium knap roller fixed to a sturdy decorator’s pole and roll the product on in board sweeps ensuring even coverage. HINT: In cooler months it is advisable to bring Kingfisher “Epoxy Floor Paint” in from cool storage to sit at room temperature for a few hours before use. This aids the effective mixing and ease of application.

MIXING

1. Using a low speed electric stirrer pre-mix, the Part “B” resin for 3 to 4 minutes **BEFORE ADDING THE ACTIVATOR A**. Thoroughly mix the resin to a uniform consistency, making sure the stirrer reaches the bottom of the container.
2. Pour Part “A” activator material into the Part “B” resin material and still using a variable low speed electric stirrer, mix the two together for 4-5 minutes until a uniform consistency is achieved.

TWO coats of Kingfisher “Epoxy Floor Paint” are normally required to achieve optimum protection. The second coat should only be applied once the first coat is touch dry and not more than 48 hours after first coat application. Pot life when mixed is only 1-2 hours at 20°C. If you intend to use less than the full amount in the containers, you should first measure equal portions of the resin “Part B” and activator “Part A” into a clean container before mixing. Kingfisher “Epoxy Floor Paint” should be tack free in 6-8 hours at 20°C and complete cure is achieved after 2-7 days. Note: - The lower the ambient temperature, the longer it will take for the paint to fully cure. – **DO NOT** apply when the ambient temperature is below 6°C, over 24 hours.

CLEAN UP

Brushes can be cleaned in warm soapy water, but disposable rollers should be allowed to cure fully before being discarded.

COVERAGE

4-6 m² / litre per coat

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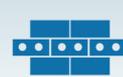
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PACKAGING

Kingfisher “Epoxy Floor Paint” is supplied as 1 litre of “Part A” activator and a 4 litre tin of “Part B” resin. The “Part B” tin is over sized to leave room for additional and mixing of the “Part A” activator.

SHELF LIFE & STORAGE

The product has a shelf life of 12 months unopened from the date of manufacture, subject to correct storage conditions. Store upright in original sealed packaging in a cool dry place, out of direct sunlight, away from sources of ignition and protected from frost. Keep out of reach of children.

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.

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