

EPOXY POND PAINT

Appearance	Solid coloured satin finish
Coverage	3-5 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	+6°C to +25°C



DESCRIPTION

Kingfisher “Epoxy Pond Paint” is a premium, water-based epoxy resin finish for the waterproofing, protection, and decoration of a variety of water retaining structures including fishponds, fish tanks, water storage tanks and aqua-ducts/channels. The non-toxic and non-taint formulation dries to an extremely tough satin finish with a slight “sheen”. It is supplied as a 2-part product (resin and activator), conveniently packed in generously proportioned containers to facilitate ease of mixing. Easy to apply on concrete, waterproof cement renders (polymer modified) and cementitious tanking.

Companion or Related Products:

- Kingfisher “Tuff-Patch”
- 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

For providing a durable protective coating to mainly mineral substrates in a variety of immersion, partial immersion, and moisture splash zone applications. Being water-based and non-taint when cured, Kingfisher “Epoxy Pond Paint”:

- Provides a waterproof neutral coating which is not injurious to fish, amphibians, or aquatic plant life.
- Provides a durable, wipe clean surface for water storage tanks that may require regular cleaning in both domestic and commercial environments.

Typical applications include:

- Concrete fishponds
- Tanked brick or block fishponds
- Water storage tanks – industrial (including cooling up to 50 deg C)

Manufacturers to the building industry

Specialist Coatings



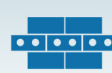
Sealants

Roof Coatings



Paving Sealers

Timber Treatments



Damp Proofing

Membranes



Basement Waterproofing

- Water features
- Potable water storage tanks

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

ADVANTAGES

Kingfisher “Epoxy Pond 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 surface finish
- Dries in as little as 8 hours
- Excellent abrasion resistance
- Can be applied to damp surfaces
- Easy clean when applied to smooth surfaces
- Stunning depth of colour
- 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 that Kingfisher “Epoxy Pond Paint” keys to the substrate, the surface must firstly be cleansed of all dirt, organic matter, and other surface laitance. If necessary, use Kingfisher “Bio Wash” agent to thoroughly de-contaminate organic growth such as moulds or moss. 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 becomes obvious. Fill any minor holes in concrete with a 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. Minor cracks, sometimes referred to as “hairline” cracks (up to 1.5mm wide) can be filled with our polymer sealant.

3. Salt (Efflorescence) Treatment

In repair scenarios where salt contamination is evident (e.g., hygroscopic salts below ground) or where salt water has been present, the substrate must be neutralised by pre-treating with “Kingfisher Anti-Sulphate Solution” to avoid delamination resultant from chloride/sulphate corrosion.

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APPLICATION

Kingfisher “Epoxy Pond Paint” should always be applied in TWO coats where it is a finished surface coating.

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 their 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 broad sweeps ensuring even coverage.

HINT: In colder months it is advisable to bring Kingfisher “Epoxy Pond Paint” in from cool storage to sit at room temperature for a few hours before use. This aids effective mixing and ease of application.

Mixing: Pour the “Part A” activator material into the “Part B” resin material and using a variable low speed stirrer, mix the two together for 4-5 minutes and until a uniform consistency is achieved.

TWO coats of Kingfisher “Epoxy Pond Paint” are normally required to achieve optimum protection. 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 Pond 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 or if rain is imminent.

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 Pond 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+oC. 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 Pond Paint” should be

tack free in 6-8 hours at 20oC 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 6oC, over 24 hours.

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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

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.