



## KINGFISHER MB EPOXY EMULSION COATING SYSTEM

### DESCRIPTION.

**Kingfisher MB** is a general purpose, water dispersed epoxy resin coating system. It is solvent free, non flammable, odourless and non-toxic when dry.

Clear and pigmented types are available. **Kingfisher MB** is specially designed for use as a low cost coating/sealer for the protection of concrete.

### AREAS of USE.

**Kingfisher MB** can be used in the following situations.....

For parking decks, industrial floors, terraces, shopping centre, cellars, warehouses, food processing/storage areas and all light traffic areas.

As a **Dustproofer** and surface hardener for concrete floors, even floors which have turned out "soft" can be effectively treated.

**Waterproofer**, concrete floors and oil tanks can be effectively waterproofed with **Kingfisher MB**. Typical applications are the waterproofing of damp concrete floors to facilitate the laying of tiles.

**Protection**, against thawing salts on kerbs, bridge parapets, sockets or other mortar and concrete structures.

**Tunnel protection coating** to improve the visibility conditions and to facilitate the maintenance.

### APPLICATION

#### **Preparation.**

All surfaces must be sound, clean and free from grease, oil, dirt or other contaminants. Mould release agents and wax/resin based concrete curing compounds should be

removed prior to application

Damp down porous surfaces.

#### **Mixing.**

Use a slow speed stirrer to mix the resin and hardener and mix for 3 – 5 minutes until a uniform colour, homogenous emulsion is obtained. Up to 10% water may be added for pre sealing or spraying, though this will reduce film thickness and is not generally recommended.

**Placement.**

Apply by brush/roller using standard painting techniques. On porous surfaces a priming/sealing coat of **Kingfisher MB** clear is advisable to seal the surface and ensure adequate bond. Two coats are required to achieve optimum protection. The second coat should be applied when the first coat is "touch dry" in approximately 3 – 4 hours.

A non – slip finish may be achieved by sprinkling extra fine aggregate onto the first coat while wet.

Allow initial cure, brush off excess aggregate and apply second coat. **Kingfisher MB**

- User friendly.
- Low odour
- Non toxic
- Easy to apply and easily cleaned.
- Hygienic – provides easy to clean, dust free surface.
- Excellent adhesion on dry or damp surfaces..
- Resistant to a wide range of dilute chemicals.
- .Available in a wide range of colours.

**Cleaning of Tools.**

Immediately after use , all tools and mixing equipment should be cleaned with water. Once cured **Kingfisher MB** cannot be dissolved and is difficult to remove mechanically.

Packaging.... 5kg Plastic containers.

Colour Range.... Grey and Red

**TECHNICAL DATA.**

Pot Life.	Approximately 45 minutes mixed at 20°C
Curing	At 20°C. Open to light traffic after 24 hours.
Dry film thickness.	40 – 50 microns (Clear). 70 – 90 microns (Pigmented)
Bond Strength.	2.7N/mm (Clear) 2.2N/mm (Pigmented)
Coverage.	As a coating. 6 – 8 m <sup>2</sup> per kilo per coat (2 coats recommended).
Storage.	Up to 12 months under normal warehouse conditions.

**HEALTH & SAFETY**

Care should be taken to avoid skin and eye contact.  
Wear gloves and protective clothing when using product.  
Harmful if taken internally.  
Keep containers properly closed when not in use  
Adequately ventilate the working areas.  
Do not expose to naked lights and smoking

For further Health and Safety information on this product please refer to the Kingfisher Safety Data Sheet, copies of which are available from the Kingfisher Technical Dept. Tel. 01229 869100 or Fax 01229 868101.