



KINGFISHER K-X11

DESCRIPTION

Kingfisher K-X11 is a non re-emulsifiable bonding admixture which improves the adhesion and physical properties of Portland cement based mixes. It is based on a tested, high solids synthetic rubber latex acrylic polymer, which provides compressive and flexural strength improvement, chemical and heat resistance, combined with mechanical bond enhancement.

APPLICATIONS

Kingfisher K-X11 is ideal for use in a number of building processes such as, Priming, as a cement admixture, a Bonding agent and also as an addition to renders.

Many benefits are obtained from the use of **Kingfisher K-X11** in cement based mixes, such as: -

- i) Improved water resistance.
- ii) Resistance to salt migration.
- iii) Reduction of surface dusting
- iv) Improved resistance to chemical attack.
- v) Improved frost resistance.
- vi) Excellent adhesion to difficult surfaces.
- vii) Improved strength and flexibility.
- viii) Reduction in water, cement ratio.
- ix) Improved application as thin section mixes and for floor repairs.

PREPARATION

Any area which is to be treated using **Kingfisher K-X11** should be clean and free from dust, efflorescence, paint, grease, oil or other materials to provide a sound base. Methods of cleaning can include sand or water blasting, chip or chemical cleaning. Flush cleaned areas with copious amounts of clean water and allow to drain or absorb with sponge.

PACKAGING

Kingfisher K-X11 is supplied in 5 litre and 25 litre containers.

TECHNICAL DATA

Solids content	-	48%
Specific Gravity	-	10.5
Shelf Life.	-	6 Months.

DIRECTIONS FOR USE

1. **PRIMING.** – Ensure the surface is clean, sound and saturated with clean water, with no surface water present. Prepare priming coat by mixing 2 parts Portland cement to 1 part **Kingfisher K-X11**. Brush the priming coat well into the substrate.
2. **ADMIXTURE.** - Sand should be clean, washed and free from excessive fines. For best results use only Portland cement. Add 10 – 15 litres of **Kingfisher K-X11** per 50 kgs of cement, mix for 2 minutes and adjust consistency with water. Mixing should be carried out in a cement mixer.
3. **BONDING AGENT.** – Dilute **Kingfisher K-X11** 1 part to 3 parts water. Apply by brush to the cleaned substrate and allow to dry for 20 minutes. Apply a second coat of bonding agent and apply plaster whilst this coat is still wet.
4. **RENDERS.** – Use **Kingfisher K-X11** diluted 1 part to 2 parts water as gauging. Where waterproofing is required apply 2 coats of further work. Apply a third priming coat and render immediately. Priming coats should be applied at right angles to each other to give a maximum thickness of 1 mm.

Kingfisher K-X11 can also be used for concrete repairs, waterproofing, tanking, floor screeds and protection of steel from corrosion.

Advice on usages can be provided by contacting Kingfisher Technical Services Department.

NOTE

Where **Kingfisher K-X11** is used in cementitious coatings, dilution ratios can be varied depending on the strength of bond required. 1:1, 1:2 or 1:3 dilution with water is normally required dependent on substrate conditions.

STORAGE

Kingfisher K-X11 should be stored in cool, dry conditions. Protect from frost.

Further Health and Safety information on this product is provided in the MSDS, copies of which are available from the Kingfisher Technical Dept Tel. 01229 869100 or Fax 01229 869101.

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