

Protekta Emulsion KR-2

A hydrophobic waterproofing admixture for concrete/ plaster.

DESCRIPTION

Protekta Emulsion KR2 is a white liquid that when added into concrete/plaster mix, results in excellent water repellency of the concrete/plaster, degree of water reduction will depend upon amount of cement + sand in mix. Specially formulated silane-siloxane emulsion, it is solvent-free and water-based. It easily mixes with concrete/plaster, gets permanently bonded with the concrete/plaster and cannot be washed out.

USES

Can be used for freshly made concrete and mortar, RMC, manufacture of low slump cement/concrete blocks, concrete pavers & precast cement products.

ADVANTAGES

- Reduces water absorption over 80% in treated concrete/mortar/plaster
- Creates hydrophobic chloride & carbon dioxide resistant substrate
- Leaves no staining or oily residue
- Non-flammable, non-corrosive and non-hazardous

APPLICATION

1. The surfaces should be clean and free from dust, loose particles, oil and grease.
2. Protekta Emulsion KR-2 is a white liquid, designed to be a part of the water content of the concrete mix.
3. A patch test should be performed on the surface, prior to treatment.
4. Mix the dry concrete components.
5. Take the required volume of Protekta Emulsion KR2 based on suggested dosage (below). Shake well Protekta Emulsion KR-2

and mix with gauging water: Quantity of water as per water cement ratio of mix design.

6. Add the above solution to the dry mix to attain the desired consistency.

TECHNICAL DATA

Appearance	: Liquid
Color	: Milky white
Odour.	: Slight alcoholic
Specific gravity	: 0.95
pH value	: 7 – 7.5
Solubility in water	: Miscible
Active ingredient	: 35%

DOSAGE

125 ml of Protekta Emulsion KR-2 for 50 Kg of cement.

PACKING

5L, 20L, 50L (other sizes available upon request).

SHELF LIFE

Six month in a closed container. Should be used before the use-by-date printed on the container. However if the product is past its use-by-date it is not necessarily unusable. A quality control test should be performed on the properties relevant to the application or the manufacturer contacted for further advice. Product older than one year should be discarded.

STORAGE

Once opened, remaining material should be sealed and stored in a cool, dry place. Care should be taken to always keep product away from direct sunlight or extreme heat.

HEALTH & SAFETY

Non-hazardous, non-toxic, non-flammable.

IMPORTANT NOTE : Protekta products are non-hazardous when properly handled, stored and applied. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

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