

KENFIX3



A LIQUID STYRENE-BUTADIENE COPOLYMER LATEX

PRODUCT

Kenbro kenfix3 is a styrene-butadiene ready to use aqueous copolymer latex designed for use with cement compositions. It is used in mortar and concrete as an admixture to increase resistance to water penetration, improve abrasion resistance and durability. It is used with cement as a reliable water-resistant bonding agent.

Area of application

- As admixture for Floor screeds and toppings for abrasion resistant and floors.
- As a bonding agent for bonding new to old concrete.
- Repair mortar for concrete restoration.
- Internal and External rendering for waterproofing to water retaining structures.
- Fixing stone tiles, Bricks, stone waves and concrete tiles.
- General damp proofing to basement floors, lifts water tanks sewage and septic tanks

Benefits

- Highly resistant to water penetration.
- Non-toxic suitable for potable water
- Improves workability, wet to wet adhesion and plasticity of fresh concrete.
- Has strong liquefying effect hence reduced water requirement at the same mortar consistency.
- Excellent adhesion to most surfaces
- Good resistant to mild chemical and to natural oils.
- Protects surfaces against salt penetration.
- High wear resistant, makes floors more hardwearing.
- Compatible with most cement types.

Packaging

Packed in 5 & 20 liter plastic containers, but bulk packaging is available on request.

Surface Preparation:

Surfaces to which kenfix3 based mortar or concrete is to be applied should be clean, sound and free from deleterious substances. Remove all the loose material, oil, grease, mould oil or curing compound from concrete surfaces using wire brush, scrapper or other equipment as appropriate. Ensure that reinforcing steel is clean and free from grease or oil; remove scale and rust. When repairing spalled or damaged concrete, ensure that the concrete has been cut back to sound material.

Mixing:

Preferably a concrete mixer should be used; hand mixing can be allowed when the total volume of the mix is for one bag of cement.

Take the required quantity of sand, aggregates and cement and premix until well mixed. Add kenfix3 and mix for few minutes. add the water slowly to achieve required consistency.

Dosage rate:

Standard dosage of 5ltr of kenfix3 for every bag of OPC cement is enough for normal use as a bonding agent. For critical areas the dosage should be increased to 10ltr of kenfix3 for every 50kg bag of cement to use as an admixture for mortar for hardwearing floors/dust resistance and for concrete repairs.

Tools cleaning:

Clean the working tools with water immediately after use. hardened mortar will have to be chiseled off.

caution :

- Concrete mixing should be kept to the minimum time
- Use fresh, cool cement always and sharp, clean, well graded aggregate, free from excessive fines.
- Kenfix3 should not be applied to bonding slurry that has been allowed to dry completely.
- Use of excessive water should be avoided

Curing:

Moisture curing should be done for 24hours to provide good hydration of Portland cement, then allow the area to dry out naturally for the effects to set in.

Health and safety:

Avoid contact with eyes and prolonged contact with skin.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin, foodstuffs etc. All protective precautions must be taken to avoid all of the above. In case of contact with eyes flush immediately with a lot of water. If accidentally ingested, seek immediate medical attention.

In case of technical enquiries, please contact:

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