

Product Data Sheet
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Identification No. CA - 3

KEMPROOF C

Integral liquid waterproofer for concrete



Description

KEMPROOF C is a high performance permeability reduction admixture for concrete according to ASTM C-494 Type A. It combines profiling materials with powerful water reducing agents and water proofing chemicals.

The pores are filled with insoluble crystals and the cement particles are more thoroughly dispersed and hydrated to improve impermeability against high water pressure.

Where to use

- Mass concrete.
- Dams, reservoirs, etc.
- Below ground waterproofing e.g. basements and car parks.
- Swimming pools and water tanks.
- Above ground waterproofing e.g. floor topping and cement renders.

Advantages

- KEMPROOF C improves concrete resistance to water penetration under conditions of hydrostatic pressure.
- Improved workability and plasticity.
- Cement renders are more easily applied.
- Improves concrete strength.
- Non-toxic and no harmful effects.
- Will not corrode steel reinforcement.
- No premixing of the material.
- Used with all types of Portland cement.
- Compatible with other admixtures.

Properties

Colour	Red Brown
Specific Gravity	1.09 at 20° C
Chloride Content	Nil. To BS. 5075
Chloride & nitrate Content	Nil.

How to use

Dosage:

0.5% by weight of cement per cubic meter

Direction for Use:

KEMPROOF C should be added to the gauged water, but never to the dry aggregate or cement. Reduction of water is higher if the admixture is added to the concrete after 60-75% of the mixing water has been added.

Packaging:

Available in 20 kg pails or 220 kg drums.

Storage:

Up to two years when stored in accordance with manufacturer instructions.

Health and Safety

- Use gloves to avoid contact with skins.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.
- Working areas should be well ventilated.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range.

For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.