

# KingKure<sup>®</sup> 100EC

Evaporation control compound for concrete.

## DESCRIPTION

KINGKURE 100EC is a concentrated, water based polymer liquid which controls the evaporation rate from fresh concrete. KINGKURE 100EC forms a thin continuous monomolecular film when applied to fresh concrete surfaces, which temporarily reduces rapid moisture loss from the concrete surface.

## APPLICATIONS

KINGKURE 100EC is used mainly for fresh concrete to retain sufficient moisture and control the evaporation rate so that it will minimize the problem of rapid drying in high temperatures and low humidity and windy conditions. Typical applications include:

- ☐ Plain concrete.
- ☐ Reinforced concrete.
- ☐ Silica-fume concrete.
- ☐ Cementitious floor hardeners (after screeding).

## ADVANTAGES

- ☐ Reduces evaporation rate.
- ☐ Reduces shrinkage cracks.
- ☐ Improves cement hydration.
- ☐ Economic, easy to dilute.
- ☐ Control the surface condition of slabs.

## METHOD OF USE

### Dilution

Mix 1 volume of KINGKURE 100EC with 10 volume of clean cool water until a uniform solution is obtained.

Note: stir the concentrate before dilution.

KingKure 100EC should be spray applied immediately after bull floating. The spray nozzle should be held approximately 450 mm from the concrete surface.

## CLEANING

Tools and equipment can be cleaned with soaped water when wet. Dried KINGKURE 100EC should be removed with KINGKRETE Solvent.

## PACKAGING

KINGKURE 100EC is available in 25 litre pails and 210 litre drums.

## TECHNICAL PROPERTIES

Colour:	Pinkish
Specific gravity:	1

## COVERAGE

The recommended coverage rate for diluted solution (10 to 1) is 5 - 10 m<sup>2</sup>/litre.

## STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult KingKrete's Technical Services Department.

## HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative.

KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.



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All products originating from KingKrete's manufacturing facilities are manufactured under a management system independently certified to conform to the requirements of the quality standard ISO 9001.

\* Properties listed are based on laboratory-controlled tests.

® = Registered trademark of the KingKrete-Group in many countries.

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**STATEMENT OF RESPONSIBILITY**

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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**NOTE**

Field service where provided does not constitute supervisory responsibility. Suggestions made by KingKrete Inc. either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not KingKrete Inc. are responsible for carrying out procedures appropriate to a specific application.

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