

# KingAdd<sup>®</sup> 100WP

**Integral liquid waterproofing admixture for mortars.**

## DESCRIPTION

KingAdd 100WP is a liquid waterproofing admixture formulated from selected polymers designed to reduce the permeability in cement based mortars and screeds. KingAdd 100WP blocks the natural pores in the mix and imparts hydrophobic properties which reduce water permeability.

## APPLICATIONS

KingAdd 100WP is waterproofing admixture for use in all cement based mortars, and screeds. KingAdd 100WP improves the cohesion and workability of mortar mixes.

## ADVANTAGES

- ☞ Improves durability by minimizing penetration of moisture and water dissolved salts.
- ☞ Improves workability and the cohesion of mortar mixes by entraining microscopic air bubbles that work as lubricant.
- ☞ Reduces efflorescence and pigment leaching from cement mortars.
- ☞ Chloride free.

## COMPATIBILITY

KingAdd 100WP can be used with all types of Portland cement and cement replacement materials. KingAdd 100WP is compatible with other KINGKRETE admixtures used in the same mortar mix. If more than one type of admixture is to be used in mortar mix, they must be added to the mortar separately.

## METHOD OF USE

KingAdd 100WP recommended dosage should be added to the gauging water, a proper mixing should be done from time to time to be sure that KingAdd 100WP is distributed on the gauging water.

## TECHNICAL PROPERTIES @ 25°C:

Colour:	Pink liquid
Freezing point:	≈ 0°C
Specific gravity:	1.04 ± 0.01
Chloride content: BS5075	Nil

## DOSAGE

The guidance dosage of KingAdd 100WP is 1.0 - 1.4 liters/ 20 liters of mixing water in the mix.

Representative trials should be conducted to determine the optimum dosage of KingAdd 100WP to meet the performance requirements by using the materials and conditions in actual use.

## EFFECTS OF OVER DOSAGE

Overdosing of KingAdd 100WP will increase air entrainment which may cause a reduction in the compressive strength.

## CLEANING

KingAdd 100WP can be washed with fresh cold water.

## PACKAGING

KingAdd 100WP is available in 25 liters pails, 210 liters drums 1000 liters bulks supply.

## 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.



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## 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.

## QUALITY AND CARE

All products originating from KingKrete's Qatar facility 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.

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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.

## 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.

