

# KingMix<sup>®</sup> 907ES

Plasticising admixture for concrete masonry products.

## DESCRIPTION

KingMix 907ES is a chloride free ready to use plasticizing liquid admixture based on polycarboxylic polymers used to produce concrete block, pipe, roofing tiles, concrete brick and pavers.

KingMix 907ES disperses the fine particles in the concrete mix, enabling the water content of the concrete to perform more effectively and improving the consistency of the concrete.

KingMix 907ES will produce more defined edges and disperse integral colours evenly and does not contain any added chlorides that would promote the corrosion of steel.

## APPLICATIONS

KingMix 907ES is ideally designed for use in the following applications:

- ☐ Concrete block.
- ☐ Dry-cast products.
- ☐ Concrete brick.
- ☐ Concrete roofing tile.
- ☐ Segmental retaining wall systems.
- ☐ Concrete pipe.
- ☐ Coloured masonry products.

## ADVANTAGES

- ☐ Improves compressive strengths.
- ☐ Extends mold life.
- ☐ Produces moderate to high swipe.
- ☐ Improves feed and cycle times.
- ☐ Produces more defined edges.
- ☐ Reduces unit cost by cement saving.

## COMPATIBILITY

KingMix 907ES can be used with all types of Portland cement and cement replacement materials.

KingMix 907ES should not be used in conjunction with other admixtures unless KINGKRETE technical department approval is obtained.

## METHOD OF USE

KingMix 907ES should be added to the concrete with the mixing water to achieve optimum performance.

An automatic dispenser should be used to dispense the correct quantity of KingMix 907ES to the concrete mix.

## TECHNICAL PROPERTIES @ 25°C:

|                           |                              |
|---------------------------|------------------------------|
| Appearance:               | Light yellow                 |
| Specific gravity:         | Typically 1.09 ± 0.02 @ 20°C |
| Chloride content: BS 5075 | Nil                          |
| Freezing point:           | -5°C                         |

## DOSAGE

The guidance dosage of KingMix 907ES is 0.3 to 2.0 liters per 100 kg of cementitious materials in the mix, including GGBFS, PFA or micro-silica.

Trials should be conducted to determine the optimum dosage of KingMix 907ES to meet the performance requirements by using the materials and conditions in actual use.

## EFFECTS OF OVER DOSAGE

Over dosing of KingMix 907ES will cause the following:

- ☐ Significant increase in retardation.
- Ultimate concrete strength will not be adversely affected and will generally be increased provided that proper concrete curing is maintained.

## CLEANING

KingMix 907ES can be washed with fresh cold water.

## PACKAGING

KingMix 907ES is available in 25 litre pails, 210 litre drums and 1000 litre 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



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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.

## QUALITY AND CARE

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.

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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.

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