

# KingCoat® EW100

**Water based good hiding power acrylic protective and decorative coating.**

## DESCRIPTION

KingCoat EW100 is a ready for use, single component, acrylic based coating for external and internal applications over variety of concrete and masonry substrates. KingCoat EW100 exhibit excellent long term weathering and UV resistance.

## APPLICATIONS

KingCoat EW100 provides excellent protective and decorative fair face coating which can be used for a wide range of applications including:

- ☒ Retaining walls.
- ☒ Bridge abutments.
- ☒ Multistory buildings and villas.
- ☒ Pre-cast elements and concrete cladding.
- ☒ Commercial and Industrial complexes.

## ADVANTAGES

- ☒ Good hiding power protective paint.
- ☒ Protective barrier against chloride ions, carbon dioxide and water.
- ☒ Durable - good resistant to UV rays and weathering.
- ☒ Single component.
- ☒ Color stable.
- ☒ Matt finish helping to hide irregularities.

## METHOD OF USE

## SURFACE PREPARATION

Surface preparation is very important to get the best performance; any surface to be coated must be clean, sound and free from oil, grease, curing compound, or any contamination. Any contaminants should be removed by light grit blasting.

Surfaces containing slight surface imperfection or blow-holes should be filled with a skim coat of cementitious repair mortar such as KingRep 5. Deep defected areas should be repaired with cementitious products from KINGKRETE- Repair range.

## APPLICATION

It is recommended to apply two coats of KingCoat EW100 at the stated rate of application. The first coat can be diluted by up to 15% with clean water depending on the surface porosity. The second coat can be applied within 2 hours depending on the ambient temperature. Coating can be carried out using airless spray machine, brush, or roller.

## TECHNICAL PROPERTIES

Colour:	White & grey
Solid content:	60 – 70%
Overcoating time:	1:30 hrs. @ 35°C 2:00 hrs. @ 25°C
Touch dry time:	20 mins.
Application temperature:	5 - 50°C

## CLEANING

Tools and equipment can be cleaned with water when product is still wet. Dried KingCoat EW100 can be removed with KINGKRETE-Solvent.

## PACKAGING

KingCoat EW100 is available in 20 kg drums.

## COVERAGE

0.25 - 0.35 kg/ m<sup>2</sup>/ coat.

## 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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## QUALITY AND CARE

All products originating from KingKrete's Middle East facility are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, ISO 14001 and ISO 45001.

\* 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.

