

# KingPlast<sup>®</sup> Primer

**Polymer modified resin based primer to enhance the bond between KingPlast AC75, Sili- cone and Silicate range with concrete substrates.**

## DESCRIPTION

KingPlast Primer is a one component polymer modified resin based primer specially formulated to enhance the uniformity and colouration of the final topical coat. KingPlast Primer works by balancing the pH between the finishing plasters and the substrate giving a stronger and more durable bond.

## APPLICATIONS

KingPlast Primer is a primer coat specially designed to increase the bonding on smooth concrete substrates for KINGKRETE KingPlast AC75, Silicone and Silicate range of decorative plasters.

KingPlast Primer can be used internally, externally and for vertical and overhead applications.

## ADVANTAGES

- ☑ Available in a wide range of colours.
- ☑ One component, easy to use.
- ☑ Provides excellent adhesion.
- ☑ Can be used internally and externally.
- ☑ Can be used on vertical and overhead applications.
- ☑ Inhibits water loss from the plaster through the substrate.
- ☑ Increases working time and workability of plaster.
- ☑ Gives an improved surface finish for acrylic, silicate and silicone decorative coatings.

## METHOD OF USE

### Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance. Surface laitance should be removed by light scabbling or grit blasting.

## MIXING

KingPlast Primer does not require dilution. Mix continuously with low speed mixer/drill (400 - 600 rpm) for 3 - 5 minutes. Make sure the contents are stirred well before use.

## APPLICATION

KingPlast Primer is applied with a textured roller to the prepared substrate making sure to obtain 100%

Coverage. Decorative Plaster should be applied 24 hours after KingPlast Primer dries.

## TECHNICAL PROPERTIES

Consistency:	Brush or roller
Specific gravity:	≈ 1.4 ± 0.1
Wet film thickness:	100 - 200 micron
Dry to touch:	4 hr
Full drying time:	≈ 24 hr
Application ground temperature:	5 - 30oC
Viscosity:	200 - 250 p
Solids by weight:	60%
Solids by volume:	45%
VOC:	< 15 g/ltr

## LIMITATIONS

Not recommended for use as a primer for cementitious based plasters.

## CLEANING

All tools should be cleaned immediately after use with fresh clean water.

## PACKAGING

KingPlast Primer is available in 18 litre plastic buckets.

## COVERAGE

Approximately 5.0 - 8.0 m<sup>2</sup>/ltr.

(Single coat wet film thickness is estimated at 200 microns). (Dry film thickness will be between 55 - 90 microns).

## 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.



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## 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.

## 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.  
® = 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.

## 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.

