

# KingPlast<sup>®</sup> R25

Pre-mixed dash slurry coat for concrete masonry blocks.

## DESCRIPTION

KingPlast R25 is a polymer modified, pre-mixed cement based key coat, which when mixed with water produces a bonding agent layer between new plaster and concrete masonry blocks.

## APPLICATIONS

KingPlast R25 is specially designed for use as key bonding agent between new plaster and concrete masonry blocks, including normal and light weight blocks.

## ADVANTAGES

- ☐ Very good bonding agent between cement based substrates and newly applied cement based plaster.
- ☐ Easy to apply, single component, requires only addition of water.
- ☐ Suitable for internal and external application.

## STANDARDS

KingPlast R25 complies with ASTM C150, ASTM C897 and application standard ASTM C926.

## METHOD OF USE

### Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance. The substrate must be soaked with clean water before the application of KingPlast R25.

### Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. 3 liters of clean water should be mixed with 25 kg bag of KingPlast R25 to achieve the needed uniform consistency (and 6 liters for the 50 kg bag).

### Application

Apply the KingPlast R25 using a tyrolean box or a power spray gun.

## TECHNICAL PROPERTIES

Colour:	Grey
Bulk density:	1.85 ± 0.1 g/ cm <sup>3</sup>
Fresh wet density:	2.25 ± 0.1 g/ cm <sup>3</sup>
Maximum aggregate size:	3 mm
Open time:	15 mins.
Working time:	100 mins.
Initial set:	180 mins.
Final set:	24 hrs.

## CURING

As KingPlast R25 is a cementitious based material, it should be cured in a similar manner to cement base materials. Soak the applied surfaces with water 2 - 3 times a day after setting.

## CLEANING

All tools should be cleaned immediately after application using fresh water. Hardened materials must be cleaned mechanically.

## PACKAGING

KingPlast R25 is available in 25 kg and 50 kg bags.

## YIELD

6 kg/ m<sup>2</sup> for 3mm thicknesses. However, the consumption is depending on the application method and the substrate finish.

## 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

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