KingProof® Primer C

Two-component latex-modified cementitious primer.

DESCRIPTION

KingProof Primer C is a two-component, latex-modified cementitious primer formulated to improve the adhesion of the KingProof range of cementitious waterproofing membranes to the most common cement-based substrates.

APPLICATIONS

KingProof Primer C improves the bond between KingProof cementitious products and:

- Normal-grade concrete, masonry blocks and red bricks.
- Roofs and re-roofing, in single or multiple layers.

ADVANTAGES

- Improved adhesion to concrete.
- Acrylic latex-based system with low VOC.
- Moisture tolerant.
- Easy to use and to clean.
- Safe and environment-friendly.
- Economical.

METHOD OF USE

Surface preparation

The substrate must be sound, clean and free from contamination. Remove surface laitance by light scabbling or grit blasting.

Mixing

KingProof Primer C is supplied in two components, Part A and Part B. Mix the full quantities of both components thoroughly for three minutes with a mechanical mixer or a drill fitted with a suitable paddle, at low speed (300 rpm).

Application

Apply KingProof Primer C by brush or roller in one coat, at 27 m² per 15 kg pack, for a dry film thickness of approximately 300 - 500 microns. Leave the primer to cure for 2 - 3 hours, depending on the ambient conditions, before overcoating with the KingProof cementitious products.

Keep to the coverage rate: a different thickness can harm the adhesion and the durability.

On highly porous substrates more than one layer can be applied. Apply the second layer as soon as the first has initially dried, at right angles to the first.

TECHNICAL PROPERTIES

Colour:	Grey
Density:	1.25 ± 0.10 g/cm³
Application temperature:	3 - 50°C
Dry film thickness per coat:	300 - 500 microns
Coverage:	27 m² per 15 kg pack
Overcoating:	After 2 - 3 hours
VOC (ASTM D2369):	< 10 g/l

COVERAGE

One coat at 27 m² per 15 kg pack, for a dry film thickness of 300 - 500 microns per layer.

PACKAGING

KingProof Primer C is available in 15 kg and 60 kg packs.

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.
® = Registered trademark of the KingKrete-Group in many countries.

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STATEMENT OF RESPONSIBILITY

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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.

Disclaimer: the IAS mark relates to certified management system and not to the product mentioned on this datasheet