KingProof® Primer PU

Single component solvent based polyurethane primer.

DESCRIPTION

KingProof Primer PU is a low viscosity single component solvent based moisture cure polyurethane primer especially formulated to significantly enhance the adhesion of KingProof Range of waterproofing membrane with the most common construction substrates.

APPLICATIONS

- KingProof Primer PU is used to enhance the bond between KingProof Range of products and the substrates in the following applications:
- High porous substrate such as normal grade concrete and red bricks.
- Impervious substrates such as aluminum, steel and glass.

ADVANTAGES

- Significantly improves the adhesion of KingProof Range over several construction substrates such as concrete, galvanized steel, aluminum and glass.
- Increases the service life of the waterproofing system.
- Easy to use, single component product that does not need mixing.
- Economical solution in waterproofing systems.

METHOD OF USE

SURFACE PREPARATION

The substrate should be sound, clean and free from contaminations. Surface laitance should be removed by light scrabbling or grit blasting.

APPLICATION

Stir the product well before use, KingProof Primer PU can be applied by a brush or roller. One or two successive coats of KingProof Primer PU should be applied at a rate of 5 - 10 m2/ litre depending on the porosity of the substrate and left to dry before being overcoated with KingProof Range of waterproofing membranes.

Care must be taken in the application of the material according to the coverage rate, as different thicknesses might adversely affect the adhesion and durability.

TECHNICAL PROPERTIES

Colour	Clear brownish
Density	0.98 ± 0.02 g/cm³
Volume solid:	40 ± 5%
Minimum over-coating time:	4 hr
Maximum over-coating time:	24 hr
Application temperature	10 to 35°C

NOTE

KingProof Primer PU is not recommended for application over highly humid substrate (i.e. substrates with RH greater than 80%). Under such circumstances, it is recommended to use KingProof Primer W. Consult KINGKRETE's Technical Department for further information.

CLEANING

All tools should be cleaned immediately with paper towels after finishing and then wiped using KingKrete Solvent PU.

PACKAGING

KingProof Primer PU is available in and 20 Kg packs.

COVERAGE

KingProof Primer PU should be applied in one coat or two successive coats at a rate of 5 - 10 m²/ltr depending on the substrate porosity to achieve a dry film thickness of 40 - 80 microns per layer.

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 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.

KingKrete Middle East
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