

KingProof® Primer PW

Two component primer for KingProof range.

DESCRIPTION

KingProof Primer PW is a two-component water based epoxy primer especially formulated to significantly enhance the adhesion between KingProof Range of waterproofing membrane and the most common construction substrates.

APPLICATIONS

KingProof Primer PW 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.
- ☐ Where the substrates have a high humidity level or risk of rising damp.

ADVANTAGES

- ☐ Improved adhesion on concrete, galvanized steel, aluminium and glass.
- ☐ Water based system with low VOC.
- ☐ Moisture tolerant.
- ☐ Easy to use and clean.
- ☐ Safe and environment friendly product.
- ☐ Economical solution.

METHOD OF USE

Surface Preparation

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

MIXING

KingProof Primer PW is supplied in two components, Part A and Part B. Full quantities of the two components must be mixed thoroughly for three minutes using a mechanically powered mixer or drill fitted with suitable paddle at low speeds (300 rpm).

TECHNICAL PROPERTIES

Colour	Milky milky
Density	1.25 ± 0.10 g/cm ³
Solid content	
By Volume	40 ± 5%
By Weight	50 ± 5%
Application temperature	10 to 400°C
VOC:	≤ 30 g/ltr
ASTM D2369	

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.

CLEANING

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

PACKAGING

KingProof Primer PW is available in 4 and 20 kg packs.

COVERAGE

KingProof Primer PW should be applied in one coat at a rate of 0.12 - 0.16 ltr/m² to achieve a dry film thickness of 50 - 65 microns per layer.

Multi-layers can be applied over highly porous substrates, the second layer can be applied as soon as the first coat has initially dried and at a right angle to the first layer.

APPLICATION

KingProof Primer PW can be applied by a brush or roller. One coat of KingProof Primer PW should be applied at a rate of 0.12 - 0.16 litre/m² to achieve approximately 50 - 65 microns dry film thickness. The applied primer should be left to cure for 12 - 24 hours (depending on ambient conditions) before being over-coated with the waterproofing membrane.

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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.

QUALITY AND CARE

All products originating from KingKrete's manufacturing facilities 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

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.



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