

# KingProof® B25

**Water based rubberized bitumen coating.**

## DESCRIPTION

KingProof B25 is a black/brown emulsified cold applied bitumen liquid reinforced with rubber, acting as damp-proof, vapour barrier for concrete and masonry, and as a general purpose primer for bituminous membranes.

## APPLICATIONS

KingProof B25 provides a vapour barrier, protective coating, and curing compound for:

- ☐ Underground concrete foundations.
- ☐ Concrete and masonry block walls.
- ☐ Walls below cladding systems.
- ☐ Concrete slabs.
- ☐ Basement walls.
- ☐ Works as a primer for concrete, masonry surfaces, before applying waterproofing bituminous membranes.

## ADVANTAGES

- ☐ Resists attack by chlorides and sulphate ions present in ground water.
- ☐ Easy to use.
- ☐ Economical.
- ☐ Water base, has no solvents.
- ☐ Does not rot.

## STANDARDS

KingProof B25 complies with ASTM D1227-95, Type II, Class 2.

## METHOD OF USE

## SURFACE PREPARATION

Surface preparation is very important to get the highest performance of KingProof B25. Any surface to be coated must be clean, sound and free of oil or grease. Any oil or grease contamination should be removed with a chemical degreaser.

All holes should be filled with a suitable cementitious mortar before application of KingProof B25.

## APPLICATION

It is recommended that two coats of KingProof B25 be applied. The second coat should be applied at right angle to the first coat. Allow a minimum of 2 hours between coats. Stir well before use.

## TECHNICAL PROPERTIES

Form	Liquid
Density	1.05 ± 0.05 g/cm <sup>3</sup>
Over coating time	8 hr
Application temperature	5 - 45°C
Dry time:	2 - 4 hr
VOC	< 40 gr/ ltr

When used as a general purpose primer for bituminous membranes, apply KingProof B25 in one coat at a rate of approximately 5 m<sup>2</sup>/litre.

KingProof B25 may be applied by brush, broom or squeegee.

## COVERAGE

3 - 5 m<sup>2</sup>/litre per coat, to achieve a dry film thickness of around 70 - 110 microns per coat, depending on surface roughness.

## CLEANING

Tools and equipment can be cleaned with water when still wet. Dried KingProof B25 may be removed with KINGKRETE Solvent.

## PACKAGING

KingProof B25 is available in 18 and 200 litre drums.

## 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.  
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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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