

# KingProof® B50

Water based latex rubberized bitumen protective coating.

## DESCRIPTION

KingProof B50 is a black/brown emulsified bitumen liquid reinforced with latex rubber, acting as damp-proof, vapour barrier and protective coating for concrete and masonry.

## APPLICATIONS

KingProof B50 provides a vapour barrier, protective coating, and curing compound for:

- ☒ Underground concrete foundations.
- ☒ Concrete and masonry block walls.
- ☒ Walls behind cladding systems.
- ☒ Concrete slabs.
- ☒ Basement walls.

## ADVANTAGES

- ☒ Resists attack by chlorides and sulphate ions present in ground water.
- ☒ Applied by brush which make it easy to use.
- ☒ Economical.
- ☒ Water base, has no solvents.
- ☒ Asbestos free.
- ☒ Does not rot.

## STANDARDS

KingProof B50 complies with ASTM D1227-95, Type II, Class 2.

KingProof B50 complies with ASTM C309-93 when applied with two coats at a rate of 2 m<sup>2</sup>/litre.

## METHOD OF USE

## SURFACE PREPARATION

Surface preparation is very important to get the highest performance of KingProof B50. 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 B50.

### Primer Coat

There is generally no need for primer coat. Dusty surfaces should be primed with a coat of KingProof B50, diluted with an equal quantity of cool, clean water and allowed to dry.

## TECHNICAL PROPERTIES

Form	Liquid
Density	1.05 ± 0.02 g/cm <sup>3</sup>
Over coating time	10 hr
Application temperature	5 - 45°C
Drying time:	3 - 5 hr
VOC	< 40 gr/ ltr

## APPLICATION

It is recommended that two coats of KingProof B50 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. KingProof B50 may be applied by brush, broom or squeegee.

## COVERAGE

3 - 5 m<sup>2</sup>/litre, depending on surface roughness.

## CLEANING

Tools and equipment can be cleaned with water when still wet.

Dried KingProof B50 may be removed with KINGKRETE Solvent.

## PACKAGING

KingProof B50 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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Ref: KK-08013-MEA-R01 | Issue: 01.2026

## 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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