

KingProof[®] A200

Elastomeric acrylic waterproof coating for roofs.

DESCRIPTION

KingProof A200 is an acrylic based elastomeric, waterproof coating for roofs and walls. KingProof A200 is suitable for application on concrete, masonry, plaster, terrazzo tiles, corrugated iron, etc. KingProof A200 is available in variety of colours and is ideally suited for external application.

APPLICATIONS

KingProof A200 is designed for use as:

- 🔧 Waterproof coating for sloped roofs and vertical walls.
- 🔧 Waterproof coating over existing terrazzo tiles.
- 🔧 Waterproof coating over corrugated iron sheets.
- 🔧 Waterproof and protective coating over roof polyurethane foam.

ADVANTAGES

- 🔧 Elastomeric.
- 🔧 Single component, easy to apply.
- 🔧 Available in different colours.
- 🔧 UV stable and resistant.
- 🔧 Will not support fungus growth.
- 🔧 Easy maintenance.

METHOD OF USE

Surface Preparation

Surfaces to receive KingProof A200 should be clean, sound, and free from oil, grease, dirt and loose particles. Substrate should be dry, with no standing water. Spalled surfaces, cracks and defected concrete should be repaired. New concrete substrate should be at least 14 days old.

Application

KingProof A200 can be applied by brush, roll, or airless spray machine. Porous surfaces should be primed with KingProof A200 primer at the rate of 5 m²/litre and allowed to dry before applying the first coat. The first coat of KingProof A200 should be applied at the rate of 1.5 - 2.0 m²/kg and allowed to cure for 4 - 12 hours depending on ambient temperature.

The second coat should be applied perpendicular to the first coat at the same rate above, and allowed to cure. For heavy pedestrian traffic, it is recommended to use fiberglass scrim reinforcement, embedded firmly in the second coat while wet, and a third coat should be applied.

TECHNICAL PROPERTIES

Appearance:	Thick liquid
Colour:	White, grey, beige (various)
Solid content:	55 ± 5%
Specific gravity:	1.3 ± 0.1
Water permeability:	Impermeable
Elongation: ASTM D412	> 150%
Minimum application temperature:	5° C
Overcoating time:	Minimum 4 hr
VOC:	< 50 g/ltr

Note:

KingProof A200 should not be applied at ambient temperatures below 5°C and dropping. KingProof A200 should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.

CLEANING

All tools should be washed and cleaned immediately after use with clean water.

PACKAGING

KingProof A200 is available in 5, 20 and 120 kg packs. KingProof A200 primer is available in 5 and 25 litre packs.

COVERAGE

1.5 - 2.0 m²/kg per coat.

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 Qatar facility 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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KingKrete-Qatar/KingProof_A200_02/v2/07_18

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.

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