

KingCoat® Primer A

Silane/siloxane based hydrophobic primer.

DESCRIPTION

KingCoat Primer A is a penetrating hydrophobic silane/siloxane based primer. It is used as a primer for KingCoat acrylic based protective coating. When applied, it reacts with concrete and masonry surfaces producing a clear hydrophobic barrier that prevents the passage of water and hence protects exposed reinforced concrete structures from attack by chloride ions.

ADVANTAGES

- ☑ Deep penetration into substrate.
- ☑ Very good reduction of water and chloride intrusion.
- ☑ Breathable, allows for water vapour release.

METHOD OF USE

SURFACE PREPARATION

Surface must be clean, sound and free from oil, grease, curing compound, or any contamination. Any contaminants should be removed by light grit blasting surfaces containing slight surface imperfection or blowholes should be filled with a skim coat of cementitious repair mortar such as KingRep 20. Deep holes and defected areas should be repaired with cementitious products from KINGKRETE-Repair range.

APPLICATION

KingCoat Primer A is applied at a rate between 0.2 - 0.4 litre/ m² for horizontal application, and at 0.1 - 0.2 litre/m² for vertical application, depending on the porosity of the substrates.

KingCoat Primer A can be overcoated as soon as it becomes tack-free, this can be achieved within 1 - 2 hours, depending on ambient conditions.

CLEANING

Tools and equipment can be cleaned with KINGKRETE-solvent when wet. Hardened materials must be cleaned mechanically.

PACKAGING

KingCoat Primer A is available in 4, 18 and 200 litre drums.

TECHNICAL PROPERTIES

Specific gravity:	0.90 ± 0.05
Solid content:	16 ± 1%
Viscosity:	10 - 20 cP @ 25oC

COVERAGE

Horizontal application: 0.2 - 0.4 litre/m².

Vertical application: 0.1 - 0.2 litre/m².

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 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.

