

MagicShield Primekote

Anti-Efflorescence Primer

Product description:

MagicShield Primekote is a water-based primer comprising of acrylic emulsion polymers, graded fine fillers, white pigments & additives. It has an efflorescent barrier mechanism. With exceptional adhesion and slip resistance, it is great for exterior & interior application on walls before the application of other water-based paints/waterproofing coatings.

Advantages:

- Suitable for priming external and internal walls
- UV resistant
- Efflorescent barrier mechanism due to static chemical state
- Stain and dust proof
- Suitable for highly alkaline substrates due to inert polymer properties
- Improves resistance & solidity of mortar
- Heat resistant & Impermeable
- Yields exorbitant bonding of porous substrates (AAC, cement sheets etc.)
- Anti-fungal properties

Suitable for:

- Any surface where efflorescence may take place
- Concrete surfaces
- Plastered walls/Cement Sheets and False Ceilings.
- Mortar-joined brick or block walls, etc.
- Interior & Exterior Application

Packaging:

Available in 4 & 20 ltr

Coverage:

Approximately 8-10 m²/ltr/coat with a thickness of 0.1 mm

*Coverage is based on smoothness and evenness of the substrate and the thickness of mortar used.

Shelf life:

Factory packed bags of MagicShield Primekote carries a shelf life of 24 months, if stored in a cool dry place.

Cautions:

- Do not apply during heavy sunshine, rains or strong winds.
- All joints and gaps should be coated with two extra coats
- Stir well before use
- Do not apply on moving joints
- Excess water on substrate must be removed by suitable means.
- Do not tint the primer
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Safety Precautions:

- Avoid contact with eyes or prolonged contact with skin.
- It is recommended to use rubber hand gloves & safety goggles
- In case of contact with skin, wash the area with plenty of water
- Keep out of reach of children.

Technical data:

Applicable standard

Conforms to IS 9862: 1981 and ASTM D 1227-87 Type III standard

Performance properties

Test	Results
Appearance	Liquid white tinted primer
Specific Gravity (@ 27°C)	1.45±0.05
Solid Content	>50 %
Tensile strength (ASTM D412)	>2.0 N/mm ²
Efflorescence resistance	No efflorescence observed on paint film
Resistance to water	Passes
Accelerated Weathering (@ 500 hrs UV exposure)	Passes

Installation:

Surface preparation

The application surface must be compact and consistent, free from oil, grease, corrosion deposit, loose particles or any other foreign material prior to commencement of application of MagicShield PrimeKote. Allow the new masonry and concrete to full cure prior application.

Surface cracks greater than 5 mm should be sealed with a crack fixing solution before starting with the application of MagicShield PrimeKote.

Mixing

Combine MagicShield PrimeKote with water in the ratio 2:1 (by volume). Stir well until a uniform & consistent creamy paste is obtained. Only 50%

dilution is recommended for MagicShield PrimeKote by water.

Application

Apply single coat of MagicShield PrimeKote on the cleaned substrate. Let it dry for 2 to 3 hours before application of any successive coat. Light cut with sand paper the coating of Anti-Efflorescent Primer before commencing the finish coats on internal walls. The product can be applied using a brush or roller or airless spray.

Cleaning

Clean the tools & equipment with water after use immediately. Only hardened material can be removed mechanically.