

ECMAPRIME ACRY

Acrylic Polymer based Primer and Sealer undercoat

Description

ECMAPRIME ACRY is acrylic polymer-based primer which is used as sealer cum excellent bonding agent for ECMAGUARD 555, ECMAGUARD THERMOCOAT, ECMAGUARD PROOFCOAT and other acrylic coatings and cementitious screed products as undercoat/primer. This product is specially formulated to provide excellent coverage, improved adhesion, quick drying and good finishes. It is suitable for interior and exterior use as undercoat on a variety of surfaces.

Areas of Application

ECMAPRIME ACRY can be used as an undercoat for Acrylic coatings and cementitious screeds in case of following structures.

- Concrete structures like bridges, flyovers, elevated roads/ metro structures
- Tunnels, Underpasses etc.
- Residential/ commercial/ industrial building roofs, shades & walls
- Dams, Towers, etc.
- Self levelling cementitious screeds on concrete floors

Advantages

- Water Based, Non-toxic, non-flammable and user friendly
- No VOC Content
- Single Component with easy application
- Can be applied by Brush, Roller or Spray on horizontal & vertical surfaces
- Excellent Bonding with concrete and masonry surfaces

Technical Specification

Appearance	Milky
Form	Liquid
Specific Gravity at 27°C	1.040±0.02
Touch Dry at 27°C & 65% R.H.	<1 Hrs.
Surface Drying Time at 27°C & 65% R.H.	>3 Hrs.

Application Instruction

Surface Preparation: Surfaces should be cleaned properly, remove all deposits, dust, loose particles, fungus, contaminations, etc. and make surface free from oil, grease, etc. Concrete surfaces shall be fully cured and free from mold release agents and curing compound. This can be done by scarifying, grinding, water blasting, sand blasting, or using any other approved Method. Repair surfaces for any blow holes, cracks, honeycombs, depressions & damages using ECMAS Polymer mortar or with Hi Finish putty and leave it for at least 1 day before priming.

Application of ECMAPRIME ACRY : For excellent bonding results on concrete surfaces, use ECMAPRIME ACRY penetrative primer cum sealer coat before application of ECMAGUARD 555, ECMAGUARD PROOFCOAT, ECMAGUARD THERMOCOAT and other acrylic based products and cementitious self levelling screeds. Stir it well before application then apply one coat with consumption @ 5-6 Sqm/ Kg using soft brush or roller over the well prepared & damp surface. In case of high porous surfaces, apply two or more coats for excellent results and time gap should be 3- 4 hours between the two coats. ECMAPRIME ACRY penetrates deeper into the substrate surfaces and repel inside water, if any to keep outer surfaces dry. This enhances durability of top coat.

Application of ECMAGUARD PROOFCOAT, ECMAGUARD THERMOCOAT & ECMAGUARD 555: After the application of primer coat allow it to touch dry for 3-4 hours. Stir well ECMAGUARD 555 (ANTI-CARBONATION) or ECMAGUARD PROOFCOAT/ THERMOCOAT to a homogeneous smooth consistency and apply it horizontally with soft brush, roller or spray on sound and prepared surfaces. Allow it to dry for approx. 4-8 hours and when the applied coat becomes sufficiently dry, apply second coat vertically. Minimum 2-3 coats are recommended for general applications but for severe conditions, three or more coats are required to achieve desired results.

Precautions

Unused material should not be left open.
Do not apply if rain is expected within 24hours.
Do not dilute material with water or any other solvent.

Cleanup

Clean all the equipment with water or cleaning Agent.

Packaging

20Kg Bucket

Shelf Life

12 Months in original unopened sealed condition.

Storage & Handling

Material should be stored in Cool and Dry shade. Also protect it from direct sunlight. Please avoid stacking of containers and handle carefully during transport.

Safety Precautions

Wear all PPE's at the of Application like Safety boot, Safety Goggle, Hand Gloves, Mask and avoided with contact of Skin and Eyes. Any direct skin contamination with the hardeners should be washed off immediately with soap and water.

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