

ECMACOAT ACRYPRIME

Acrylic Polymer based Primer and Sealer for undercoat

Description

ECMACOAT ACRYPRIME is acrylic polymer based primer, sealer and excellent bonding agent for ECMASHIELD 555, ECMASHIELD THERMOCOAT and other Acrylic coating and cementitious screeds products as undercoat/primer. This product is specially formulated for combination of excellent coverage and adhesion with quick drying and trim finishes. It is suitable for interior and exterior use as undercoat on a variety of surfaces.

Areas of Application

ECMACOAT ACRYPRIME used as an undercoat for Acrylic coating and cementitious screeds as below structures.

- Over Bridges, flyovers, elevated Road/ Metro structures
- Tunnels, Underpasses etc.
- Buildings, Walls, Old and New Flats
- Dams, Towers, etc.
- 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 @ 27°C, RH 65 ± 5%,	<1 Hrs
Surface Drying Time at 27 °C RH 65 ± 5%,	>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 ECMACOAT AcryPrime : For excellent bonding results on concrete surfaces use ECMACOAT AcryPrime penetrative primer cum sealer coat before application of ECMASHIELD 555 and ECMASHIELD THERMOCOAT and other acrylic base product. It easily penetrates deeper into the substrate surfaces and repel inside water, if any to keep outer surfaces dry. This enhances durability of top coat. Stir it well before application then apply one coat with consumption @ 5-6 Sqm/ Kg using soft brush or roller over the damp surface. In case of high porous surfaces, apply two coats for excellent result and time gap should be 3- 4 hours between two coat.

Application of ECMASHIELD 555 and ECMASHIELD THERMOCOAT: After the application primer coat allow it to touch dry for 2-4 hours. Stir well ECMASHIELD 555/ECMASHIELD 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, apply second coat vertically. Minimum Two coats are recommended for general anti-carbonation (150 -300microns Dry Film thickness) 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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