

# ECMAPRIME EP

## Solvent based Epoxy Primer for Concrete and Steel Structures

### Description

ECMAPRIME EP is two component, low viscous, solvent based, general purpose epoxy primer designed for epoxy floor & wall coatings, self levelling epoxy floorings and epoxy floor screeds & mortars to provide improved adhesion with concrete.

### Areas of Application

ECMAPRIME EP primer has good penetrating properties and is suitable for priming concrete surfaces prior to the application of ECMASCREEDED/ ECMAFLOOR range/ ECMAGUARD Epoxy Coatings, etc.

### Advantages

- Easy Application by Brush or Roller
- Improves the adhesion of epoxy floor toppings, screeds and coatings with the substrate
- Excellent surface penetration & sealing

### Technical Specification

Application of Cured Film	Transparent
Physical State Pack A and Pack B	Liquid
Mixing Ratio Pack A: Pack B	2:1
Mixed Density at 27°C	1.05±0.03
Pot life at 27°C Minutes	>40
Application Temperature, °C	5 - 40
Initial Cure at 27°C	After 24 hours
Full Cure	7 Days
Coverage Area	6-7 m <sup>2</sup> /Kg/Coat

### Surface Preparation

Before Application of ECMAPRIME EP surfaces should be clean properly and remove all dust and deposit particles and also surface should be free from oil, grease etc. For best result all surface should be clean by solvent to remove all oil and grease after that ECMAPRIME EP can apply by brush or roller and get smooth surface for better bonding with Epoxy Flooring, coatings and repair mortar base product.

### Mixing

Add the entire contents of the hardener to the base and mix thoroughly for 3-4 Minutes until homogeneous, using a slow speed drill (300-400 rpm) fitted with a suitable mixing paddle.

## Application

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Once mixed the primer should be applied immediately in a thin continuous film to the clean prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and peddling should be avoided. On porous surfaces ECMAPRIME EP will be absorbed quickly leaving characteristic light-colored dry patches. It is recommended that a second priming coat be applied to these dry areas.

## Precautions

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- Do not dilute with water or any solvent and do not apply on wet surfaces.
- Unused material should not be left open
- Do not apply if rain is expected within 24hours

## Cleanup

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Clean the equipment with solvent like Xylene or use any other oil base cleaning agent.

## Packaging

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3 Kg Kit

## Shelf Life

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12 Months in original unopened sealed condition.

## Storage & Handling

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

## Safety Precautions

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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.

## ECMAS CONSTRUCTION CHEMICALS PVT. LTD

7-4-124 Gaganpahad,  
International Airport Road  
Hyderabad, India - 500 052  
phone: +91-40-24360014, 16, 17  
email: [ecmas@ecmas.co.in](mailto:ecmas@ecmas.co.in)

