

# CAPOXY PRIME

## EPOXY PRIMER AND SEALER

### DESCRIPTION

**CAPOXY PRIME –EP** is a low viscosity 100 % solid epoxy primer designed for use under Epoxy flooring system. The primer coat enhances adhesion by penetrating into the concrete substrate and helps reduce bubbling and pinholes when coating porous surfaces with high build coatings.

### USES:

- Primer for concrete and masonry.
- Impregnation of Honeycombed concrete.
- Primer for concrete repair system.

### ADVANTAGES

- Low viscosity aids penetration
- High bond strength.
- Good abrasion and chemical resistant.

### PROPERTIES

	@ 25 ° C
Pot life min	> 1 hrs
Tack free time hrs	≥ 16 hrs
Initial hardness ( foot traffic)	24 hrs
Full Cure	7 days
Slant shear bond strength	≥ 1500 PSI
ASTM C-882	

### DIRECTIONS FOR USE

#### Surface preparation

Concrete surface must be clean dry and free from all previous sealers, grease, oil and other contaminants, which may impair bond. Remove surface laitance by Sand Blasting or by other Mechanical means. Vacuum surface to remove all dust and debris. Newly constructed Floor should be cured as per construction norms.

#### Mixing

Stir each component separately in original packing with a slow speed drill. Empty the components B in component A and, mix it for 2-3 Minutes or until uniformity with a slow speed drill.

**CAPOXY PRIME - EP** kit is supplied in preweigh packs and should not be split or divided. Do not add solvent or thinners. Application must be halted if the ambient temp is 10°C .

### Application

Apply by brush roller or airless spray equipment. Apply top coat or finishing system as advised in Respective Technical data sheet. To improve the trowel ability of the next coat , it may be broadcast with aggregate ( while epoxy is still wet) allow to dry and than sweep off excess aggregates. It may be left as final sealer or other Top coat can be applied as recommended in Product data sheet. Curing : Under Typical conditions , the primed surface will cure enough for coating in 6 to 8 hrs.

### COVERAGE

**CAPOXY PRIME EP** 5-7 m<sup>2</sup> liters

### CLEANING OF TOOLS

Clean the tools with Cap thinner EP immediately after use, remove uncured **CAPOXY PRIME –EP** from tools and equipment by using cap thinner EP. Cured material may only be removed mechanically

### PACKAGING

**CAPOXY PRIME –EP:** 1 liter and 4 liter pack

### STORAGE

**CAPOXY PRIME –EP** should be stored Under shade at temperatures between 10<sup>0</sup> And 35<sup>0</sup> C.

### SHELF LIFE:

12 months in sealed original container, under recommended storage conditions.

### SAFETY PRECAUTIONS

Keep container closed when not in use  
Keep out of reach of Children  
Both components are irritant, prolonged contact with skin or Eye may cause sensitization.

### FIRST AID

#### Skin contact

Wash thoroughly with soap and water.

#### Eye contact

Flush immediately with clean water and seek medical advice

#### Respiratory Problem

Remove affected person to fresh air immediately And contact physician.

#### Hygiene

Wash hand immediately with **CAP THINNER EP** Followed by soap and water.

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### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note:** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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