

# CAPOXY FLOOR-310

## SOLVENTED EPOXY RESIN COATING

### DESCRIPTION

**CAPOXY FLOOR-310** is a two-component solvented epoxy resin coating which penetrates into pore structure of concrete and masonry and provides a sealed, surface hardened, continuous protection to concrete and mortar substrates against abrasion, chemicals and solvent. For wet and dangerous area a non skid version is recommended.

### COLORS

Dark gray and light gray

For other colors requirement contact sales dept

**Finish:** Full gloss or aggregated

### USES

- Maintenance area.
- Generator rooms.
- Air craft hangar.
- Manufacturing plants.
- Fabrication facilities.
- Walkways.
- Garages.
- laboratories
- As a protective coating over epoxy screed, Steel, galvanized metal, masonry, wood

### ADVANTAGES

- Economical
- Chemical resistant.
- Easy to apply.
- Hygienic.
- Abrasion Resistant.

### PROPERTIES

Typical physical at 23<sup>0</sup>C

Pot life	: ≥ 4 HRS
Mixed density kg/liter	: 1.14
Volume solids %	: approx 50 %
Initial hardening	: 24 hrs
Recoat time	: 24 hrs
Full cure days	: 7 days
Flexibility	: good

### CHEMICAL RESISTANCE

Capoxy floor-310 is resistant to common house hold aqueous chemicals and Alkali's

### DIRECTIONS FOR USE

#### Substrate preparation

It is essential that **CAPOXY FLOOR-310** is applied on sound, cleaned dry substrate in order to achieve maximum adhesion between the epoxy coat and substrate.

New concrete floors must be a minimum 28 days old and possess an open surface texture. The substrate must be firm dry and free from oil, grease, curing compounds and all other contaminants. All loose particles and excess laitance should be removed by mechanical or chemical method.

All cracks over 2 mm wide should be filled with epoxy mortar or Epoxy putty.

#### PRIMING (IF REQUIRED)

Apply a priming coat –recommended **CAPOXY PRIME -SB** ( for dry surface) , **CAPOXYPRIME SPL** ( for Dry and damp surface) or **CAPOXY FLOOR - 310** diluted with 10 % **CAPTHINNER EP**, either by brush, Roller or air less spray equipment. Primer should be allowed to dry before over coating.

#### Mixing

Stir each component separately, with a slow speed drill having a mixing paddle attachment.

Transfer part B to part A and mix together for 3 minutes. Carefully scrape the sides and bottom of the pail during mixing reduce wastage by not making up more material that can comfortably be applied within the pot life.

### APPLICATION

#### Smooth

Having made the necessary preparation and primed, Apply **CAPOXY FLOOR-310** by brush or roller at the rate of 4 m<sup>2</sup> per liter.

Top coat can be applied within 24 hours of first coat application. Apply second coat at right angle to first coat

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### Anti slip

For non slip surface immediately broadcast **CAPFLOOR –CAPOXY FLOOR - 310** into the wet base coat at the Rate of 1.5-2.0 kg/m<sup>2</sup> Ensure that any loose aggregate is removed prior to application of second coat.

### CLEANING OF TOOLS

Immediately after use, remove uncured **CAPOXY FLOOR-310** from tools and equipments by using cap thinner EP -101 .cured material may only be removed mechanically.

### PACKGING

**CAPOXY FLOOR-310** : 20 liter kit (A+B)  
: 5 liter kit (A+B)

**CAPOXY PRIME –SB** : 4 liter kit (A+B)  
1 liter kit (A+B)

**CAPOXY PRIME –SPL** : 4 liter kit (A+B)  
1 liter kit (A+B)

**CAP THINNER EP** : 5 Liter

### COVERAGE:

Base Coat : 6-7 m<sup>2</sup>/liter/coat  
Cap floor grain : 1.5-2 kg/m<sup>2</sup>  
Top coat : 5-6 m<sup>2</sup>/litre/coat

### STORAGE:

Store under shade between 10<sup>0</sup> C to 35<sup>0</sup> C.

### SHELF LIFE

12 months in sealed original containers, 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 problems

Remove affected person to fresh air immediately and contact physician.

#### Hygiene

After use Wash hands immediately with **CAPTHINNER 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.

As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.