

# CAPOXY GEL

## FILLING AND SURFACING GEL

### DESCRIPTION

**CAPOXY GEL** is a two component non sagging epoxy gel consisting of epoxy resin, hardener and abrasion resistant filler. **CAPOXY GEL** provides a cohesive thixotropic repair mortar giving a smooth finish with excellent adhesion. It is well suited for patching and making small area of concrete.

### USES

- To bond hardened concrete to hardend concrete
- For making small areas of concrete. Elimination of minor irregularities of vertical horizontal and overhead concrete
- Reprofiling of concrete and masonry.
- Filling tie rod holes.
- Preparation of surface prior to applying **CAPOXYFLOOR-500** **CAPOXY FLOOR- SL** and other epoxy coatings

### ADVANTAGE

- Resistant to aqueous house hold chemicals.
- Perfect bonding and low shrinkage
- No slump, strong adhesion.
- Solvent free
- Excellent abrasion and impact resistant.

### STANDARDS AND TEST METHOD

ASTM C 881 TYPE 1 & 4 , GRADE 3 CLASS B &C.

### Technical information

Blend color	: Grey
Pot life at 25 <sup>0</sup> C	: approx 2 hours
Curing properties At 25 <sup>0</sup> C	
Tack free	: approx 12 hrs
Final curing	: 7 days
Wet mortar Density kg/m <sup>3</sup>	: approx 1600
Water absorption %	: $\leq 0.4$
Compressive strength kg/cm <sup>2</sup>	: $\geq 400$
At 7 days	

### DIRECTIONS FOR USE

#### Surface preparation

Clean the area to be filled from all loosely adhered matter or surface contaminants (oil, grease, form release agent, dust etc) surface should be sound. In spalled areas, clear off any loose or weak concrete

#### Mixing:

**CAPOXY GEL** kit is supplied in pre weigh packs and should not be split or divided.

To facilitate mixing place resin and hardener on flat disposable surface . using a trowel or wide blade tool mix both component thoroughly, until color is uniform and steak free

#### Application

**CAPOXY GEL** on prepared surface with spatula or steel trowel. Scraper and filling knife. Press the mortar firmly to ensure good compaction and adhesion.

The surface can be finished smooth by saturating the trowel with **CAP THINNER** .

### COVERAGE

Varies with applied thickness and surface profile.

**Yield-** Approx 1.9 liter/kit

### CLEANING OF TOOLS

Clean the tools with **CAP THINNER** immediately after use, remove uncured **CAPOXY GEL** from tools and equipment by using **CAP THINNER**. Cured material may only be removed mechanically

**PACKAGING** : 3 kg kit

### STORAGE

Store under shade between 10<sup>0</sup> & 35<sup>0</sup> C temperature

### SHELF LIFE:

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

# CAPOXY GEL

## FILLING AND SURFACING GEL

### 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

#### Respiratory Problem

Remove affected person to fresh air immediately  
And contact physician.

#### Hygiene

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

### 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.