

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

- 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.

Technical information

Blend color	: Gray
Pot life at 25 ⁰ C	: approx 2 hours
Curing properties At 25 ⁰ C	
Tack free	: approx 12 hrs
Final curing	: 7 days
Wet mortar Density kg/m ³	: approx 1600
Water absorption %	: ≤0.4
Compressive strength kg/cm ²	: ≥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 streak 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 EP.

COVERAGE

CAPOXY GEL will cover 1m² @ 1 mm thickness

CLEANING OF TOOLS

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

PACKAGING : 3 kg kit

STORAGE

Store under shade at temperatures between 10⁰ and 35⁰C.

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.

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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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