

CAPOXY CTG - 10

TILE SETTING AND GROUTING EPOXY MORTAR

DESCRIPTION

CAPOXY CTG-10 is a 100 % solid chemical resistant water cleanable tile setting and grouting epoxy mortar for use on horizontal and vertical surfaces. Ideal for fixing ceramic, mosaic and glass tiles brick pavers and stone. **CAPOXY CTG-10** is designed for application that require high shear bond.

USES

To fix tiles where chemical resistance and hygienic condition required, as in

- Breweries.
- Pulp and paper mills.
- Automobile plants.
- Refinery.
- Airplane hangars.
- Chemical and cosmetic manufacturing area.
- Laboratories and manufacturing plants.

ADVANTAGES

High degree of flexibility

Impacts and vibrations are dissipated along the bond line so the adhesive will not crack

- **Tough and resilient**
The adhesive recovers to its normal state after shock loading or forced deformation.
- **Excellent adhesion.**
An adhesion promoter increase bond strength
- **Water cleanable**
Very easy removal of material by just water and sponge.

STANDARDS

Ansi -A-118.3 1999

PROPERTIES

Working properties @ 25 °C

Pot life minutes	: approx \geq 60 min
Foot traffic Hrs	: 24 hrs
Heavy traffic	: 72 hrs
Full cure and maximum resistance	: 7 days

Chemical resistance

The fully cured mortar is resistant to

- Sea water.
- Ground water.
- Sewage water.
- Soaps and detergents
- Dilute acid.
- Atmospheric conditions.
- Vegetable oils, mineral oils and fats.

* chemical resistance depends on exposure level and concentration of the chemicals

DIRECTIONS FOR USE

Surface preparation

Surface to receive **CAPOXY CTG-10** must be clean dry and free from all previous sealers, grease, oil and other contaminants, which may impair bond.

Mixing

Stir each component separately in clean mixing container with a slow speed drill. Empty the components B in component A and, mix it for 2-3 Minutes slowly add component-C and mix it with force action mixer.

CAPOXY CTG-10 kit is supplied in preweigh packs and should not be split or divided. Application must be halted if the ambient temp is 10°C and dropping. At 30 °C and rising temperature working time will be reduced considerably.

Application

Spread the mixed tile adhesive on surface to be tiled with a notched trowel. On highly absorbent surface, such as dry porous concrete use as very thin skim coat prior to notched trowel application recommended.

COVERAGE

Varies with bedding thickness, notch depth and width and tile profile.

CLEANING OF TOOLS

Clean the tools with **CAP THINNER** immediately after use, remove uncured **CAPOXY CTG-10** from tools and equipment by using **CAP THINNER**. Cured material may only be removed mechanically

CAPOXY CTG - 10

TILE SETTING AND GROUTING EPOXY MORTAR

PACKAGING

CAPOXY CTG-10 : 10 kg kit
CAP THINNER : 5 liters

COVERAGE: Varies with bed thickness and joint width and depth.

Yield: 5.4 liter/bag

STORAGE

CAPOXY CTG-10 should be stored Under shade at temperatures between 10⁰ and 35⁰ 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** 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.