

# CAPOXY GROUT HS

## HIGH STRENGTH EPOXY MACHINERY GROUT

### DESCRIPTION

**CAPOXY GROUT HS** is a three-component solvent free, epoxy machinery grout used for precision grouting of oscillating equipment and other machinery. **CAPOXY GROUT HS** exhibits excellent physical properties, volume stability upon cure and excellent non shrink properties. The material has superior flow characteristics, making it ideal for grouting under base plates, as well as, long working time and low exotherm upon cure.

Anchoring bolt is a quick and efficient job with Capoxy Grout HS, just drill a hole slightly larger than the bolt and pour Capoxy Grout HS to anchor as desired.

**COLOUR: Grey**

### USES:

**CAPOXY GROUT HS** is suitable to use for grouting of

- Pump bases.
- Equipment pads and tank piers.
- Engines and compressors.
- Machinery baseplates.
- Process equipment
- Turbines.
- Crane rails.
- Anchoring horizontal bolts.

### ADVANTAGES

- High Mechanical resistance.
- High Compressive Strength
- Exceptional impact resistance.
- Excellent chemical Resistance
- Limited shut down period required.

### STANDARDS/TEST METHODS

ASTM C-308,C-413,C-579,C-580

### Technical information

Wet density kg/liter : 2.1  
Mixed consistency : flowable.

Pot life at 25<sup>0</sup> C : Approx. 60 minutes.

Curing properties @ 25<sup>0</sup> c

Foot traffic : Approx. 12 hrs

Final cure : 7 days

### Physical properties

Compressive strength kg/cm<sup>2</sup>

At 7 days :  $\geq 1000$

Shrinkage upon cure :  $\leq 0.05 \%$

### 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 concrete should be minimum 28 days old.

#### Priming:

Concrete substrate to which grout to be applied may be optionally primed by **CAPOXY PRIME SPL**, Mix the two components for 2-3 minutes using a slow speed drill, with a suitable paddle. Apply by brush or roller and work well into the surface. Allow primer to cure until tacky or until the next day prior to application of **CAPOXY GROUT HS**.

#### 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 1-2 minutes with force action mixer, make sure there is no lumps or dry pockets of powder on paddles or in corner of the mixer. The amount of aggregates can be adjusted slightly to achieve desired consistency for specific use.

#### Application

When casting into forms it is important that all forms be sealed properly to avoid leaking of resin component from forms. Forms must be treated with Releasoform. Vibration by chain rod is permitted to remove entrapped air.

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### COVERAGE

CAPOXY GROUT HS Yields 0.0142 m<sup>3</sup> per kit

### CLEANING OF TOOLS

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

### PACKAGING

CAPOXY GROUT HS (a+b+c) : 30 kg kit

### STORAGE

CAPOXY GROUT HS should be stored under shade at temperatures between 10<sup>0</sup> C and 30<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**  
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.

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