

CAPOXY MORTAR - HB

NON-SHRINK, EPOXY PATCHING MORTAR

DESCRIPTION

CAPOXY MORTAR H.B is a three component, 100 % solid, multipurpose, high performance non shrink epoxy patching mortar. **CAPOXY MORTAR H.B** system is a blend of high quality resin and curing agent with selected hard wearing aggregates.

USES

CAPOXY MORTAR H.B is specially designed to use as structural repair mortar for the restoration of concrete floors, construction joints, columns and beams, spalled and honeycomb concrete

ADVANTAGE

- Durable
- Simple application, good covering properties
- Excellent adhesion to substrate
- High early strength
- Solvent free
- Excellent abrasion and impact resistant.
- The cured system is impervious to water penetration.

STANDARDS/TEST METHODS

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

Technical information

Pot life at 25⁰ C : Approx 60 minutes.

Curing properties At 25⁰ C : \leq in 24 hrs

Wet mortar Density kg/m³ : Approx 1.2

Water absorption % : ≤ 0.2

Compressive strength

@ 7 days kg/cm² : ≥ 450

DIRECTIONS FOR USE

Surface preparation

All surfaces need to be patched must be clean and structurally sound 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.

Best result will obtained by saw cutting approximately 1/2 " deep around perimeter of the area to be patched Thoroughly clean patch area and exposed reinforcing steel by shot blasting to a white metal finish.

Priming:

Prime the substrate with **CAPPOXY 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. Apply **CAPOXY MORTAR H.B** while the primer is still tacky.

Mixing:

CAPOXY MORTAR H.B kit is supplied in preweigh packs Avoid to split the pack.

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

Application must be halted if the ambient temp is 10⁰C and dropping. At 30⁰ C and rising temperature working time will be reduced considerably.

Application

Apply **CAPOXY MORTAR H.B** on prepared surface with spatula or steel trowel. Pressing the mortar firmly to ensure good compaction and adhesion. On vertical surfaces, avoid applications over 12 mm layer.

YIELD

0.8 Liter/kg

CLEANING OF TOOLS

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

PACKAGING

CAPOXY MORTAR H.B : 4 kg Kit

CAPOXY PRIME SPL : 1, 4, 20 Liters

CAP THINNER : 5 liters

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STORAGE

CAPOXY MORTAR H.B 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.

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