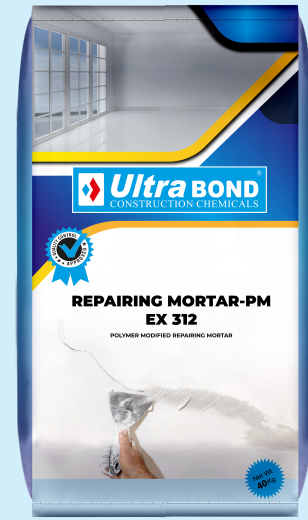




ULTRA BOND REPAIRING MORTAR-PM EX 312
POLYMER MODIFIED REPAIRING MORTAR



DESCRIPTION

Ultra bond REPAIRING MORTAR-PM EX 312 is a ready to use High strength, polymer modified, and shrinkage compensated, structural repair mortar suitable for repairing all types of concrete.

USAGE AREAS

- Repair of damaged beams, columns and other RCC members .
- Patch repair of PCC and other non-reinforced masonry surfaces.
- Overhead and vertical applications to restore concrete cover.
- For renovating and resurfacing concrete structures such as retaining walls, beams columns , building facades, ceilings, balconies etc.

FEATURES & BENEFITS

- Easy to use (only to be mixed with water).
- Excellent bond to the concrete substrates.
- Suitable for hand and machine application.
- Fast and easy placing - reduced time for repairs.

TECHNICAL SPECIFICATION

Appearance	Powder
Colour	Grey
Water Demand	16-19 %
Mix Density	1.90-2.0
Compressive Strength	
1 day	15 N/mm ²
7 days	40 N/mm ²
28 days	60 N/mm ²

Note: Test results are indicative as per test method specified in standard. Test result may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation method and site condition.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- All damaged concrete should be removed.
- Clean the surface and remove loose concrete, dust, oil, paint, grease, waterproof coating, etc. Expose fully any corroded steel in the repair area and remove all scale and corrosion deposits.
- Saturate the substrate with water to prevent absorption of water from the mixed material. In case of a very old concrete substrate, it should be primed by applying one coat of ULTRA BOND PLASTERBOND EX 4800 + WATER (1:1) as Bonding Agent. Allow the bonding agent to reach tacky condition before applying of Polymer Mortar.

MIXING & APPLICATION

Use Mechanical Mixer for mixing of Ultrabond EX 312 Charge 85-90 % of clean & potable mixing water (3 to 3.5 liters per 20 kg bag) to a Mixer. Start addition of powder slowly under continuous mixing. Keep mixing for 2 minutes. Add balance quantity 10 – 15% of mixing water & again mix for another 2-3 minutes to form a homogeneous, free flowing, uniform & lump-free mix. The mortar application is to be carried out according to approved plastering techniques using a trowel or a smoother.

ADVANTAGES

- Shrinkage compensated: fibrous rich polymer which reduces cracking tendencies.
- Easy to use (only to be mixed with water).
- Structural and cosmetic repairs.
- Can be applied from 5 to 40 mm thick.

PACKAGING
20 KG

PRECAUTIONS & LIMITATIONS

Strictly follow water-powder ratio as specified.
Do not apply at the temperature below 10°C.

SHELF LIFE & STORAGE

Shelf life is 12 months from the date of manufacturing. Store in a cool & dry place in unopened condition (Prevent from direct sunlight).

HEALTH & SAFETY


Avoid contact with eyes or prolonged contact with skin. It is recommended to use rubber hand gloves & safety goggles. In case of contact with eyes or skin, rinse immediately with plenty of clean water and seek medical advice. Keep out of reach of children.

For detailed material safety data sheet please contact the manufacturer

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[PEGADO FIXING SOLUTIONS PVT LTD](#)

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