

EPO GLUE MORTAR

Thin Bed Mortar for Light weight Blocks



DESCRIPTION

EPO GLUE MORTAR is ready to use high quality cementitious glue mortar used for laying Light weight blocks, fly ash bricks, concrete blocks etc. It is easy to use comprises of cement, graded sand polymer and additives.

USES

- Laying and jointing of White Light weight blocks, fly ash bricks, cement blocks, hollow blocks, etc.
- Jointing of pre-stressed concrete slabs, panels.
- Parapet walls
- Jointing of cement window and door frames.
- Garden and boundary walls.

ADVANTAGES

EPO GLUE MORTAR is characterized by:

- Pre-mixed and ready to use, only water to be added
- Economical- Eliminates lengthy and complicated processes of site mixing, thus transport and storage of all individual materials is avoided
- Faster to apply due to good spreadable properties.
- Excellent bond strength and water retention properties
- Self-curing.



PRODUCT DATA

Form	Powder
Colour	Grey
Packing	25 Kg
Consumption	3 - 4 Kg/m ²
Shelf Life	12 Months when stored in dry conditions at moderate temperature and humidity.

TECHNICAL SPECIFICATION

Test Name	Average Result
Grout Consistency (Water Ltr/Grout Kg)	7 ± 0.5 Ltr/25Kg
Density @ 20°C	1.40 ± 0.1 g/cm ³
Pull off adhesion / Bond Strength @ 7 days	> 4 kN
Compressive strength @ 7 days	10 ± 2 N/mm ²
Pot Life @ 25°C	> 3 Hours

APPLICATION

SURFACE PREPARATION:

The substrate must be structurally sound, laitance free, clean and free from dirt, oil, grease, other contaminants and loose or friable particles. Pre-wetting of substrate is essential with maximum saturation of water, but saturated surface dry (S.S.D.) condition.

MIXING:

Mix 25 Kg of glue with 7 ± 0.5 liter of potable cool water by using a stirrer, driven by a slow-speed drilling machine. Mix thoroughly for a minimum of 3 minutes until a creamy paste is obtained. Leave material to stand in container until the majority of bubbles have dispersed (minimum 5 minutes). Then remix the material for 15 seconds - the product is now ready for use.

Note: Do not exceed the recommended water dosage. Use of chilled water in extreme high temperatures will increase open time of **EPO GLUE MORTAR**

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If the substrate is very porous, if the temperature is high and/or the relative humidity low, it is advisable to dampen the surface. Do not leave any standing water. Apply a thin uniform Layer of **EPO GLUE MORTAR** Approx. 2 mm thick on the clean & leveled surface of masonry units using proper trowel

Place the next course of masonry units (blocks) on evenly jointing mortar bed in proper line & level. Each masonry unit shall be properly bedded and set in position by gently pressing with handle of trowel.

Inside unit of the masonry unit shall be applied with mortar before the next unit is laid & pressed against it especially in case of bricks.

Clean the excess material, if any immediately. Continue the procedure for the entire masonry work.

Do not exceed the maximum layer thickness.

CLEANING:

All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage system. Hardened/cured material can only be removed mechanically.

PROTECTION:

Do not disturb the blocks /bricks setting for first 24 hours. All works must be protected from rain, frost until fully hardened and shaded from direct sunlight

PRECAUTIONS

Though it contains non-toxic materials but still care should be taken to avoid dust inhalation while mixing and handling. Gloves should be worn during application. Splashes to the skin or eyes should be removed with clean water.in the event of prolonged irritation, seek medical advices.

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