

K2 BLOCKFIX

Thin Layer Block Fixing Adhesive

Description:

BLOCKFIX is a versatile thin jointing material for laying AAC blocks, fly ash bricks, concrete blocks etc. The product is specially designed to provide better bonding as a result of higher tensile & adhesion strength.

Area of Application:

- Laying and jointing of fly ash bricks, cement blocks, hollow blocks, AAC blocks, CLC blocks etc.
- Jointing of pre-stressed concrete slabs, panels.
- Jointing of cement-concrete floor tiles.

Technical Properties:

Properties	Results
Appearance	Grey color powder
Pot life	Approximately 2 hrs. @ 27° C
Open Time	15 minutes
Tensile Adhesion Strength	≥ 0.8 N/mm ²
Compressive Strength	≥ 7 N/mm ²
Mix Density	1.82 g/cc
Layer Thickness	3 to 4 mm
Water Demand	7 to 8 Liter Water/ 30 kg bag
W/P Ratio	0.25
Self-Curing	Yes [No additional water curing is required]

Application Instruction:

SURFACE PREPARATION

- The surface of masonry units should be slightly wet (in S.S.D condition) prior to application of jointing.
- The masonry units should be clean, with no loose particles or dust for better bonding.
- The surface must be structurally sound.
- Efflorescence & any other contaminant should be removed.
- Surface defects such as cracks, holes or voids should be repaired prior to application.

Benefits:

- Pre-mixed and ready-to-use. Only water is to be mixed at site.
- Thin jointing material with very high adhesion strength.
- Thin layer application results in a structure being compact.
- No water curing is required.
- Minimizes the undulation of the surface.
- Being a thin layer, chances of water percolation are negligible.
- Ready for subsequent application like plastering just after 24 hours of application.
- Eco-friendly product.

MIXING PROCESS

- It is advisable to use a mechanical stirrer for uniform mixing.
- Water addition should be done in quantity which can be consumed by 2 hrs. only.
- Mix 30 % of clean potable water (in stages) with 70 % of blockfix smooth, uniform, workable mix.
- Allow sufficient time for initial mixing.
- Ensure that no powder is left unmixed at the bottom of the vessel.

APPLICATION PROCESS

- Apply a thin uniform layer of BLOCKFIX (3 to 4 mm thick) on the clean and leveled surface of masonry units using proper trowel.
- Place the next course of masonry units on the evenly laid BLOCKFIX bed in proper line & level.
- Each masonry unit shall be properly bedded and set in position by gently pressing with the handle of a trowel.
- After placing the first unit, apply the BLOCKFIX of same thickness on both the side of unit, keeping continuous check for the line & level.
- Connecting face of the masonry unit shall be buttered with mortar before the next unit is laid and pressed against it. Clean the excess material, if any immediately.
- Continue the procedure for the entire masonry work.

Precautions:

Though BLOCKFIX contains no toxic materials, still care should be taken to avoid dust inhalation while mixing and handling in case of

Important Note:

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contact with eyes or face, wash with plenty of clean water.

Coverage:

Under normal condition the coverage of BLOCKFIX is approximately 75-80 Sq. ft. with an average thickness of 3 mm for a bag of 30 kg. The coverage area, however will depend upon the quality & evenness of the substrate, thickness of the joints and size of masonry units.

Packing:

BLOCKFIX is available in 30 kg bag.

Shelf Life and Storage:

BLOCKFIX has a Shelf life of 12 Months from the date of manufacturing. Store the material in cool and dry place.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.