



VARAFIX AAC

A THIN JOINT ADHESIVE FOR AAC AND CLC BLOCKS

DESCRIPTION

VARAFIX AAC is supplied as a ready to use one component grey powder requiring only the addition of water to produce a cohesive, sticky thin bed fixing mortar for AAC and CLC blocks. **VARAFIX AAC** is a novel technology that gives a extremely thin joint (2 to 3mm) alternative to the conventional block laying mortar.

USES

VARAFIX AAC is recommended for following application:

- (i) Fixing AAC and CLC Blocks.
- (ii) Bonding quarry tiles direct on concrete or sand cement renderings and clean non-glazed old terrazzo tiles.
- (iii) Can also used for Solid and Hollow blocks for wall construction.

ADVANTAGES

- ◆ **Easy to use:** Mixed material is easily trowel applied and stickiness in the wet stage affords easy fixation of tiles.
- ◆ **Constant quality:** Factory quality controlled prepacked material.
- ◆ **Durability:** Better than conventional mortar.
- ◆ **Adhesion / Bond strength :** Excellent adhesion / Bond strength in the wet stage during application and in the fully cured state due to use of proprietary

water retention polymers and special bonding polymers.

- ◆ **Economical:** Low thickness of application affords a better cost and performance alternative to conventional methods based on neat cement.
- ◆ **Thermal Insulation :** Thin joints prevents heat transfer through the walls.

Comparison Table

VARAFIX AAC	Conventional Mortar
Fast Application	Not possible
Plastering possible after 24 hours	Minimum 7 days curing required
Consistent quality due to computerized mixing and tested raw material	Manual mixing and not possible to test very batch
High bond strength (almost 5 times more than conventional mortar)	Not possible due to difference in properties of blocks and mortar
Negligible shrinkage cracks	More shrinkage cracks
Easy handling and storage	Difficult to keep stock of different components and high wastage

LIMITATIONS

VARAFIX AAC is not suitable for tile installation on metal sheet or metal surfaces. It is not suitable for chemical resistance and for installation over gypsum panels.

MIXING INSTRUCTIONS

VARAFIX AAC GREY can be mixed with clean water up to 35% of powder mortar by weight or 8.5 to 9 liters per 25 kg bag.

Wait for 5 minutes. Remix and then use. This method provides the polymers and other chemicals present to take the desired effect.

APPLICATION AND BLOCK FIXATION

Spread only sufficient **VARAFIX AAC** over the blocks at about 2 to 3mm thickness using notched trowel. Blocks can be adjusted for 2 to 3 minutes after initial positioning. Clean-up the excess material in the joint immediately after final positioning

Coverage: **VARAFIX AAC** 25 kg bag will yield about 18 liters and cover approximately 65sqft at 3mm thickness and 95sqft 2mm thickness.

PACKAGING

VARAFIX are packed in 25 kg bags.

PRECAUTIONS

Cleaning: All equipment must be cleaned with water immediately after use. Mixes containing this product must not be emptied into drainage systems.

Protection: All work must be protected from rain, frost until fully hardened and shaded from direct sunlight.

Storage: Shelf life is 12 months when stored in dry conditions at moderate temperature and humidity.

HEALTH AND SAFETY

VARAFIX AAC is non toxic but it is mildly alkaline. Gloves should be worn during application. Splashes to the skin or eyes should be removed with clean water. In the event of the prolonged irritation, seek medical advice.