



ACF BLOCK FIX

Ready to use adhesive for cement based blocks

Product Description:

ACF BLOCK FIX is ready to use product blended with carefully selected raw materials, Portland cement and graded aggregates and polymers. Designed for use with water to produce high strength thixotropic mortar, for laying bricks, cement hollow blocks, Cellular concrete blocks or smoothing over the block work surface in layers of up to 12mm thickness

Application: For interior and exterior use for preparing thin bed adhesive for AAC, ALC and cellular concrete blocks

Advantages:

- Just requires addition of clean potable water
- High Strength
- No curing required after block work is done.
- Flexible, shock & impact resistant
- Improved adhesion between two blocks
- improved bond strength, compressive & tensile strength
- Thin jointing with high adhesion to contribute to load bearing capacity of masonry
- Easy to use
- Longer pot life
- Fast & economical

Technical information

Applicable Standard: Conforms to ANSI A118.1 & ANSI A118.4-1999

Performance Properties:

ACF BLOCK FIX mixed with water: Test Results

Compressive strength	>8 MPa
Flexural Strength	>3 MPa
Tensile Adhesion strength	>1MPa
Pot Life	1 Hour
Open Time	30 Minutes
Time to Plaster	24 hours
Time to full dry hard	14 Days

INSTALLATION

Surface Preparation:

- All surfaces temperature should be between 4°C and 40°C and structurally sound, clean and free of all dirt, oil, grease, concrete sealers or curing compounds.
- Rough or uneven concrete surfaces should be made smooth with suitable ACF material.
- Installation may be made on a damp surface. All slabs must be plumb and true to within ¼” (6mm) in 10 ft (3m). Follow ANSI Specification AN-3.8 “Requirements for Expansion Joints” or TCA Detail EJ171 “Expansion Joints”. Do not cover expansion joints with mortar.

Mixing:

- Mixing ratio by weight with water is 1: 4.5 – 5.0 (1part of clean potable water and 4.5 – 5.0 parts of powder).

- Take water in the container and slowly add the powder into the water while mixing by hand or slow speed mixing machine.
- Mix for 3 to 5 minutes till a smooth thixotropic mix without lumps is achieved

Thin bed mortar for laying blocks:

- Before placing mortar, ensure the block work to be dry and surfaces cleaned properly.
- Place the mixed mortar on the block work in thin layers or as required by engineers at site using trowel and place the next layer of blocks on the mortar.
- Keep joints between the blocks as required by the site engineers and fill the joints with the mixed mortar, using a trowel.
- Check the plumb of the wall while laying the blocks to keep the walls perfectly vertical to the plumb.

Shelf Life:

12 months in unopened sealed condition when stored in dry cool area away from direct sunlight and high humidity. Keep away from water logged area or areas likely to get moist.

Health & Safety

Use mask, nose cover and hand gloves during application.

Clean hands with soap water after application.

Ensure adequate ventilation and avoid inhalation of dust.

Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.

Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting

Note: The initial controls of our product are made during the production phase. We guarantee the quality of our products. All recommendations and instructions on the data sheet are generally based on our experience. Please contact us for applications on special surfaces are not mentioned in the datasheet. Our company reserves the right to update the information on the data sheet in case of technical needs without notice