



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

AERO BLOCKFIX

Single Part Smooth & Strong BLOCKFIX Mortar

Description:

AERO BLOCKFIX is a factory prepacked blend of carefully selected imported raw materials, cementitious polymer modified Block jointing mortar. **AERO BLOCKFIX** is a versatile thin jointing material for laying AAC blocks, fly ash bricks, concrete locks etc. **AERO BLOCLKFIX** mortar is specially designed to provide stronger, much more durable bonding between the blocks with superior adhesive strength. It replaces conventional cement and sand mix mortar of 12-18 mm thickness with highly versatile 3-5 mm thickness. It is confirms to american standard ASTM C-1660-10.

As **AERO BLOCKFIX** contains fine graded sand it helps in laying an even strong and thin layer of joint. This is not only cost-effective but also builds even wall as this improves the levelling of wall and the plaster thickness can be reduced. This further reduces thickness of putty application thus an all-round reduction of cost can be achieved.

Features:

- Excellent bonding to the blocks/fly ash bricks
- Better Levelling
- Prevent water percolation
- Thinner layer of application

Advantages:

- Good workability Easy to use at site
- Consistent work quality
- Plastering can be done after 24 hrs. of application
- Early setting no curing required

Benefits:

- Saves time Cost Effective
- Can be applied by ordinary mason. No special skill required
- Crack resistant
- Lesser shrinkage & seamless structure

Uses:

- Laying & jointing of masonry units like AAC Blocks, Hollow Blocks, Fly Ash bricks and concrete Blocks etc.
- Jointing of concrete window and door frames, etc.,

Properties & Specifications:

Sr.No	Properties	Specification
1	Appearance	Free flow Grey powder
2	Composition	Portland cement, selected sand, bonding additives.
3	Water Demand	25 – 30%
4	Workability	Good
5	Hard Dry	24 hours @ 30°C
6	Wet mix life	1 hour at 30°C
7	Curing	It is self curing, No additional water curing is required
8	Tensile Adhesion Strength	0.8 5 N / Sq.mm @ 28 day

Instructions For Use:

Surface Preparation:

The surface of masonry units should be slightly wet prior to application of **AERO BLOCLKFIX** The surface must be structurally sound. Clean the blocks from dust or any coating, masonry surface should be clean without dust & voids. It must not be overheated nor frozen.

Mixing:

Take the 10 to 11 ltr. Clean water (for 40 kg. bag) in a bucket, add slowly **AERO BLOCKFIX** and stirr continuously for 5-8 minutes by using an electric mixer or by hand to obtain homogeneous lumps free mix. Smaller quantity can be also mix by manually.



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Mixing Application:

- Layout the wall in which is to be used and mark openings like doors, windows, any architectural appurtenances etc.
- Put a thin layer of **AERO BLOCLK FIX** in the thickness of 3 to 5mm on the clean and leveled surface using proper trowel on which the block work is to be carried out.
- Place the block on the laid **AERO BLOCLK FIX** in proper line and level.
- After placing the first block apply the **AERO BLOCLK FIX** of same thickness on both the sides of the block continuously keeping a check on the line and level.
- Clean the excess material, if any immediately. Continue the procedure for the entire block work.
- Tools and equipment can be easily cleaned with clean water.

Packing & Coverage:

AERO BLOCLKFIX is available in 40 kg. HDPE laminated bags. Coverage of **AERO BLOCLKFIX** is approx. 120 – 130 sq. ft. per 40 kg. of bag. with the thickness of 4 mm. The coverage area however will depend upon the quality and evenness of substrate, thickness of joints.

Shelf Life & Storage:

AERO BLOCLK FIX has a shelf life of 6 months from date of manufacture when kept at a temperature Between 5 0C to 45 0C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Health & Safety:

AERO BLOCLKFIX skin, eyes or be swallowed. Protective glasses should be worn during mixing and application. Should **AERO BLOCLKFIX** come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. For full health and safety data refer to Product Safety Data Sheet.

Quality Assurance:

AERO CONCHEM LLP. is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008.

OUR RANGE OF PRODUCTS



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