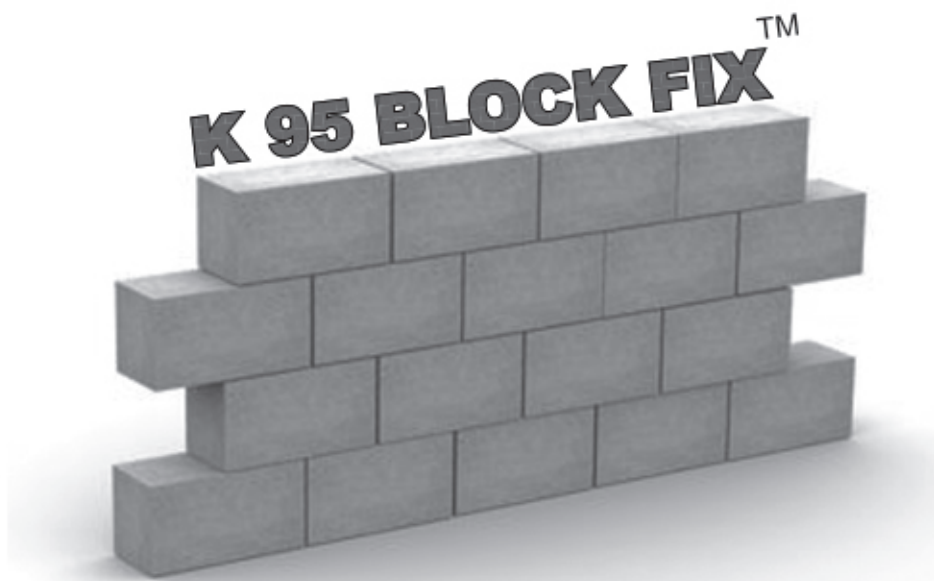


K 95 BLOCK FIXTM



SMOOTH & STRONG JOINTING MORTAR

Build with Us



For a Better Life

K **KRISHNA**TM
COLOURS & CONSTCHEM PVT. LTD.



ISO 9001-2000 ORG.



CRISIL RATED ORG.



IGBC
INDIAN GREEN BUILDING COUNCIL

Web : www.krishnacolours.com

Cementing Our Success

K 95 BLOCK FIXTM

K 95 Block fix is a versatile thin jointing material for laying AAC blocks, fly ash bricks, concrete etc. K 95 Block Fix 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.

ECO FRIENDLY:

- ✓ Saving millions of ltrs of water everyday with its usage across many sites as the product doesn't require water curing at all.
- ✓ Saving thousands of tons of precious river sand every day, as instead of conventional thickness of 10-12mm of masonry mortar. K 95 block fix is applied at a thickness of 2-4 mm .
- ✓ Reduces the consumption of steel , cement & water used in construction ,as the deadload on the entire structures reduces considerably thus saving on cement , steel & concrete used for slab & columns.
- ✓ As the structures uses less of cement , sand & steel comparatively , it will emmit less heat in the atmosphere.

FEATURES AND BENEFITS:

- ✓ No water curing is required after application, thus saving on labour & water required for curing the walls.
- ✓ Ready for subsequent application like plastering just after 24 hours of application,thus assuring speedy return on investment & saving on supervision & labour cost & construction time of the project.
- ✓ Thinner jointing material with very high adhesive strength. Improves overall masonry strength and load bearing capacity & waterproofing properties.
- ✓ Thinner layer of application for lesser shrinkage and seamless structure.
- ✓ Eliminates lengthy process of site mixing, transport and storage of all individual materials.
- ✓ Pre-mixed and rady to use.Only water to be added at site.
- ✓ Compressive strength is 3-4 times higher than the conventional mortar.

SURFACE PREPARATION:

- ✓ The surface of masonry units should be slightly wet prior to application of K 95 Block fix.
- ✓ The surface must be structurally sound . Efflorence & any other contaminant which could impair the natural bond should be removed.
- ✓ The masonry units should be clean, with no loose particles or dust for better bonding.
- ✓ Surface defects such as cracks, holes or voids should be repaired prior to application.

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MIXING:

- ✓ Mixing Ratio – depending on the thickness of the product to be applied, add approximately 25-30% of the clean potable water and 70% of powder and mix.
- ✓ Water is added in stages to get a smooth, uniform, workable mix. Allow ample time for initial mixing.
- ✓ Ensure that no powder is left unmixed at the bottom of the vessel.

AREAS OF APPLICATION :

- ✓ Laying and jointing of masonry units like fly ash bricks, concrete blocks, hollow blocks, AAC blocks etc.
- ✓ Jointing of pre-stressed concrete slabs, panels.
- ✓ Jointing of concrete window and door frames.

COVERAGE:

- ✓ Under normal condition, the coverage of K 95 Blockfix at average thickness of 2-3 mm for a bag of 40 kg is. The coverage area however will depend upon the quality & evenness of the substrate, thickness of joints and size of masonry units.

| Block / Brick Size | Unit | Coverage Area |
|----------------------|-------|---------------|
| 100 mm X 240mm X 650 | Sqft. | 130-110 |
| 120 mm X 240mm X 650 | Sqft. | 120-90 |
| 150 mm X 240mm X 650 | Sqft. | 100-80 |
| 200 mm X 240mm X 650 | Sqft. | 80-60 |

- ✓ For best results proper tools for mixing and application is desirable. It will result in higher coverage and savings in time and manpower.

PRECAUTIONS DURING USAGE:

- ✓ Though K 95 Block fix contains no toxic materials, still care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or face, wash with plenty of clean water, seek medical advice.
- ✓ Persons who are allergic to cement should take proper precautions before use.

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STORAGE:

SHELF LIFE:

3 months if stored in cool, dry shade.

PACKAGING:

K 5 Block fix is available in 40 kg HDPE laminated bags.

TECHNICAL SPECIFICATIONS OF K 95 BLOCK FIX

| Sr. No. | PROPERTIES | SPECIFICATION |
|---------|-------------------------------------|--|
| 1. | Appearance | Free flowing powder |
| 2. | Colour | Grey |
| 3. | Water demand | 25-30% |
| 4. | Workability | Very good |
| 5. | Hard Dry | 24 hrs |
| 6. | Pot life | Approximately 1 hrs @ 27C |
| 7. | Self Curing | Yes. No additional water curing is required. |
| 8. | Tensile adhesion strength @28 days. | 0.85N/sq.mm |



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MEMBER

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NETWORK

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International : Dubai, Nepal, China, Afganistan