

# Creative Block-Fix

Fast Setting, High Bond, Water Resistance Cement Based Block Fixing Mortar

## DESCRIPTION

Creative Block-Fix is a dry pre-mixed polymer modified cement based fast setting, thin-bed, high bond, water resistance bonding materials for cement blocks/bricks and AAC blocks fixing mortar/adhesive.



## TECHNICAL DATA

Composition	Portland cement, hydrated lime, processed sand and chemical additives for improved workability & bonding
Binder	Portland Cement & Lime (proportion depends upon class of CM4)
Aggregate size	0 - 4 mm processed sand
Appearance	Grey granular powder
Mixing Ratio	4.5 ltr per 25 kg bag
Density	Wet - 1.75 kg/ltr.
Comp. Strength	12 N/mm <sup>2</sup> @ 28 days
Flexural Strength	3 N/mm <sup>2</sup> @ 28 days
Bond Strength	0.5 N/mm <sup>2</sup> (DIN18156-2)
Working Time	Approx. 30 minutes
Approx Coverage	Coverage depends on block types and size
Standards	ASTM C387 and ASTM C270

## KEY ADVANTAGES

- Water Resistant
- Fast Setting
- Thin-bed application
- Ready for use, just add water
- High bond strength
- Suitable for internal & external use
- Non-shrink
- Good consistency



## BACKGROUND

Blocks/bricks should be thoroughly cleaned, devoid of dust, loose particles, mould oil, etc. The blocks/ bricks should be prepared as per general civil work guidelines.

## MIXING

**Creative Block-Fix** supplied in 25 kg bags has to be mixed with potable water only, in a clean plastic bucket. To ensure a homogenous and uniform mix, an electric agitator must be used. The amount of water to be added is 4.5 lts per 25 kg bag.

Once mixed allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. Hard and set mortar should not be remixed or used. Mortar needs to be fluffy, sticky in texture and creamy in appearance.

## APPLICATION

**Creative Block-Fix** can be applied over the blocks for building up the walls and to fill the joints with required thickness by means of a trowel and leveled. In this case, it can use specific wood form according to the block. In this way equal thickness will be needed to maintain in all places. Allow it to set for approximately 30 minutes prior to removal of excessive material. This product is used instead of cement for strong bonding.

## GENERAL INFORMATION

Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
Cleaning	Clean all equipment and tools with water immediately after use. Hardened material can be removed mechanically.

## PACK SIZE

25 KG bag

## APPROXIMATELY YIELD

17 liter per 25 kg bag

## HEALTH AND SAFETY

PPE's	Gloves, goggles and suitable mask must be worn.
Precautions	Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request)

## TECHNICAL SERVICE

Creative Chemical Company technical services are available on request for onsite support to assist in the correct use of its products. For application procedure in case of light weight blocks or others building material, creative chemical technical service department will assist upon demand.

## STORAGE

**Creative Block-Fix** must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected. Avoid moisture of weather.



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Creative Chemical products are produced with ISO 9001:2015 standard terms and conditions. So it's customer responsibility to maintain and follow up the TDS and weather forecast carefully. We can not guarantee the application and end use as it depends on various conditions and weather.