



# BLOCKFIX

Light weight block joining mortar

## Description

**BLOCKFIX** is a high strength adhesive for quick and firm laying of AAC blocks, fly ash bricks, concrete blocks with thin joints. Made of cement, graded sand and blended with polymers, it provides high strength and water retention properties even when in thickness of 2-3 mm layer.

## Uses

- Light weight block joining mortar work
- Brick application mortar work
- AAC blocks

## Advantages

- High bonding strength
- High surface area coverage
- Helps to reduce shrinkage, cracks or shortness
- No post layout curing required
- High thermal insulation properties
- Economical and easy to use
- Minimum wastage
- Premixed and ready to use product

## Compliance Standard

- IS 2250, ASTM C1660 & C270



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## Technical Information

Properties	Results
Appearance	Grey Powder
Dilution	25 to 28% with water
Pot life	1.5 to 2 hours
Tensile Strength	>0.8 N/mm <sup>2</sup>
Compressive Strength	>15 N/mm <sup>2</sup> @ 14 Days

## Method of Application

- The bonding surface should be clean for better bonding
- BLOCKFIX may be thinned by adding a maximum of 25 to 28% clean water
- Pour water in a clean container and then add BLOCKFIX until the mixture becomes slurry and plastic
- Do not over mix. Leave the mix to slake for 5-10 min and re-mix before use. Mix only sufficient quantity of adhesive for immediate need
- Apply a uniform layer of 3-4mm on the clean surface.
- Lay the blocks on the level surface by joining the mortar bed.
- Embed each block by properly wiggling and gently pressing with the handle of a trowel.
- After placing the first unit, apply the mixture of same thickness on both sides ensuring it is level.

## Curing

- Self-curing practices .

## Coverage

- For 3mm thickness, block size (500mm x 200mm x 200 mm) 40 kg material required of volume 1m<sup>3</sup> and surface area 5m<sup>2</sup>.

## Packaging

- BLOCKFIX is supplied in 40 Kg bag.

## Storage

- BLOCKFIX should be stored in a dry place for better results. It should be used within 24 months of its production.

## REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664

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