



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

Product Standard Compliance:

IS 2250, ASTM C1660 & C270

Company Standard Compliance:



Technical Information:

Properties	Specification
Appearance	Grey Powder
Dilution	25 to 28% with water
Pot life	1.5 to 2 hours
Tensile Strength	>1.2 N/mm ² @ 14 Days
Compressive Strength	>15 N/mm ² @ 14 Days

Application Procedure:

Surface Preparation:

- The substrate must be structurally sound, free from laitance, clean and free from dirt, oil, grease, loose or friable particles. The substrate must be in SSD condition prior to application of mortar

Mixing:

- 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.

Application:

- 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.

Coverage:

For 3mm thickness, block size (500mm x 200mm x 200 mm) 40 kg material required of volume 1m³ and surface area 5m².

Packaging:

BLOCKFIX is supplied in 40 Kg bag.





Storage & Shelf-life:




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

Health & Safety:

BLOCKFIX is alkaline and should not come into contact with skin and eyes. Inhalation of dust during mixing should be avoided. Gloves, goggles and dust mask should be worn.

If contact with skin occurs, it shall be washed with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

 <p>Indian Green Building Council</p>	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>