

**PRODUCT DESCRIPTION:** FIBBOND C is grey cement powder when added with water makes pasty consistency and is suitable for fixing AAC Blocks/ Panels / bricks etc. Can be used for interior and exterior use for construction with thin bed mortar.

## AREAS OF APPLICATION

- Block mortar for interiors and exterior.
- Fly Ash Bricks & blocks.
- Cement Hollow Blocks.
- Aerated light weight concrete blocks
- Cellular concrete Blocks
- Calcium Silicate Bricks
- Clay Bricks etc

## ADVANTAGE

- Improved bond strength than conventional mortar.
- No external curing required.
- Reduced shrinkage
- Improved water tightness
- Easy to apply and use.
- Long workable time
- Fast & economical.
- Improved compressive & tensile properties

## APPLICATION METHODOLOGY

### SURFACE PREPARATION

Surfaces must be dry, firm, offer good traction, free from loose particles, dust and dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be mechanically treated, flame scaled, milled or grind.

### MIXING

Add FIBBOND C to clean water, (not in reverse order). Mix thoroughly either manually or by stirrer, till a lump-free mortar is obtained. A 25 kg bag will require approximately 6.25-7.5kg or ltr of water. The adhesive is ready-for-use and has a pot-life of 1.5-2 hours.

### APPLYING AND LAYING

- Spread mixed material onto prepared surface by trowel and press the blocks etc over it and finish it from both sides.
- Check the plumb for vertical surfaces before applying.
- Do not use in wet conditions.

### CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

## TECHNICAL SPECIFICATIONS

Physical Appearance	Grey Powder
Bulk Density (Kg/cum)	2100
Coverage	3 Sft. Per Kg, per mm thickness
Water demand	25 to 30%
Pot life	1.5 to 2 hrs at 27°C
Compressive Strength	> 15 Mpa
Tensile Strength	> 0.5 Mpa
Tests	Conforms to IS 2250 (Grade MM5), ASTM C 1660, ASTM C 270 (Type N), ANSI A118.1T & EN12004/ISO13007 (Class C1T)

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LIMITATIONS

- Do not apply FIBBOND C on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %. Consult fibrex before using FIBBOND C in those areas.
- Do not apply FIBBOND C to asphalt, weak or infirm concrete, unmodified sand-cement screeds, PVC tiles or sheets, or substrates known to move substantially.

### Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged surface
- Floors with moisture content over 4 %
- Floors with rising moisture problem
- Asphalt based floor (interior)
- Floors with a pull off strength less than 1.5 N / mm<sup>2</sup>

## PACKAGING

FIBBOND C is packaged in 25 Kg bag.

## STORAGE

FIBBOND C must be stored in unopened packaging, clear of the ground in cool/dry conditions and be protected from humid conditions. If stored correctly, as detailed above, the shelf life of this product is 6 months from the month of manufacture.

## PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction to cement-based materials. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

## DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

## NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER:

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## FIBREX OTHER PRODUCTS – WE DO

