



PrimeFix™ Block

High Performance Block/Brick Fixing/Jointing Mortar

PRODUCT DESCRIPTION:

PrimeFix Block is based on an advanced co-polymer, graded sand, gray cement along with active ingredients, which when mixed with water produces a high strength bonding mortar for blocks, bricks and stones.

Once applied the coat has excellent resistance to wash out and cures rapidly to form dense impermeable matrix with high diffusing resistance to oxygen, acid gases and chloride ion. The product provide stronger, durable, bonding between AAC blocks, fly ash bricks, concrete blocks with better look to interiors and exteriors.

The enhanced properties ensure high adhesion, low shrinkage, excellent resistance to freeze - thaw attack and high flexural and compressive strengths.

USES & BENEFITS:

PrimeFix Block is ideally suited for fixing of blocks made of AAC, fly ash, or concrete.

- 1) Ready to use product, only need water to be added at the site.
- 2) Very minimum loss of material at site.
- 3) Bond firmly to the paving once it's in the joint
- 4) Set hard in a couple of hours and strong bonding with blocks.
- 5) Superior flowability and water retention properties.

TECHNICAL DETAILS:

Parameters	Results
Appearance	Mineral Gray Powder
Open Time, 28°C	60 minutes
Packaging:	40 kg
Complete Curing	28 days
Coverage:	10-12 ft ² /kg/mm
Tensile Adhesion Strength, EN1348/ASTM 1660-09	0.5 N/mm ²
Compressive Strength, EN 1015-11	>10 N/mm ²
Color:	Gray and White
Thickness	3-10 mm
Mixing Ratio (Powder: Water):	6 to 9 lit for 40 kg bag
Shelf Life	6 months



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PrimeFix Block/2013/R0-2013



DATASHEET

PrimeFix™ Block

High Performance Block/Brick Fixing/Jointing Mortar

APPLICATION DATA:

PREPARATION:

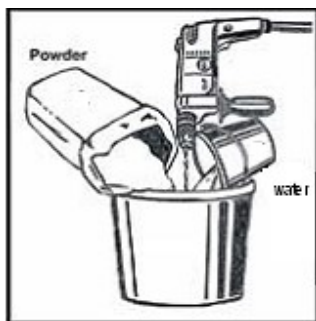
The areas to be treated must be free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Blocks/bricks to be treated should be free from unsound materials. Water saturation of blocks is always beneficial for durable bonding.

PRIMING:

The prepared substrate concrete should be thoroughly soaked (preferably 24 hours before) with clean water until uniformly saturated without any standing water. Highly porous substrates may require sealing with **Multicrete CM**.

MIXING:

Use **PrimeFix Block** with water at 1:0.19 ratio by weight. Pour approximately 80% of the contents water required into a suitable mixing vessel. Slowly add one pack marked **PrimeFix Block** (dry powder) and mix until homogeneous. Then add the remainder of water and remix for a minimum of 5 minutes. The mortar must be mixed using a drill and paddle specially designed to entrap as little air as possible.



PLACING:

PrimeFix Block can be applied using plain trowel for leveling.

CLEANING:

All tools should be cleaned with water immediately after use.

CURING:

Normal concreting procedures should be strictly adhered to.



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STORAGE:

Store in dry, frost-free conditions at moderate temperatures not greater than 25 °c.

IMPORTANT POINTS:

Apply only to clean, sound substrates. Concrete should be saturated but surface-dry and free of water backpressure. Care should be taken when curing in hot, sunny or windy conditions. Discard **PrimeFix Block** packages which has been subjected to freezing temperatures.

PrimeFix Block is not a decorative finish and may temporarily discolours until uniformly weathered

Please consult our technical department for further information. The product, **PrimeFix Block** provided here is for 'Do-it-Yourself', (DIY).

WARRANTY

Multichem warrants **PrimeFix Block** to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **PrimeFix Block**.

Because the Multichem does not perform the actual installation, it cannot be held responsible for the results of the application. Multichem specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Multichem part. Multichem neither assumes nor authorizes any person to assume for Multichem any liability in connection with the sale and installation of **PrimeFix Block**.

Because of constant improvement of manufacturing techniques and formulations, Company reserves rights to change this datasheet and its contents without prior notice.



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