



ADHERE LOCK FIX

Block Jointing Mortar

Adhere Lock Fix block jointing mortar is superior water resistant cement based mortar specially formulated for joining blocks. This mortar is specially designed and manufactured under stringent quality controls to give superior adhesive strength, higher durability and a strong bond between the blocks.

Features

- Excellent bonding to the blocks/bricks
- Better Leveling
- Pre-mixed, only water to be added
- Prevent seepage and water percolation

Advantage

- Thinner layer guarantees to be more cost-effective
- No curing is required after application. Thus saving water
- Plastering can be done after 24 hrs. of application
- Easy to mix and faster to apply

Benefits

- Lesser shrinkage and seamless structure
- Time and manpower is saved
- High strength adhesion
- Can be applied by ordinary mason – no special skill required
- Consistency of material and quality

Surface Preparation

Adhere Lock Fix Block Jointing Mortar needs to be applied should be sound, thoroughly clean and free from dust, grease, oil and any loose material. The masonry surface should be pre-wetted before applying.

Mixing

Depending upon the substrate and climate add approx. 9 to 11 liters of water for 40 kg bag. For concrete blocks, wet mortar should have less water to form 2 to 3 mm bed of **Adhere Lock Fix** Block Jointing Mortar.

How to Apply

Take the required quantity of water in a clean bucket; add **Adhere Lock Fix** block jointing mortar as recommended. Stir continuously for 5-10 minutes by using an electric mixer or by hand to obtain a homogeneous lump free mix. Allow the resultant wet mortar to stand for about 5 minutes for the additives to dissolve. Re-mix again for about 2 minutes. The mixture is now ready. Use the mix within 60 minutes. For best results it is advisable to use notch trowel of 3 to 4 mm to have better contact and bonding.

Note:

Whilst any information and / or specification contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendation or suggestions made by us, our representatives, agents or distributors as the conditions of use of any labour involved are beyond our control.

Application Area

Laying and joining of masonry units like AAC Blocks, Hollow Blocks, Fly ash Bricks and concrete Blocks, etc. Joining of concrete window and door frames, etc...

Coverage

Coverage of **Adhere Lock Fix** Block Jointing Mortar is approx. 120 sq.ft. With average thickness of material for light weight blocks size of 4 inch block. The coverage area however will depend upon the quality and evenness of the substrate, thickness of joints.

SPECIFICATIONS

Technical specifications

TEST METHOD SPECIFICATION
Setting Time : Initial IS: 4031 PART - 5: 1988 >= 30 min Final IS: 4031 PART - 5: 1988 <= 600 min
Setting Time: 2 mm thick on concrete. Storage 7 days in polythene bag @ 23 C + 7 days @ 23 C with 50% R.H.
ASTM 4541 & EN 1015-12 Not Specified
WATER RETENTIVITY EN 1015-8 Not Specified
COMPRESSIVE STRENGTH: EN 1015-11: 1999 As per EN 998 - 12 day in mould + 5 days in polythene bag + 21 days @ 23 degree C with 50% R.H.

for categories

CS IV -> 6 (N/MM²) FLEXURAL STRENGTH: EN 1015-11: 1999 Min 1.8 Mpa 2 days in mould + 5 days in polythene bag + 21 days @ 23° C with 50 % R.H.

CAPILLARY WATER ABSORPTION EN 1015-8 As per EN 998 - 1

WO no requirements

W1 C <= 0.4 kg/m² .min 0.5

W1 C <= 0.20 kg/m² .min 0.5 **Note:**

- 1- All tests are carried out at manufacturer's end, specifications are derived internally expect EN standard methods.
- 2- Flexural Strength, Pull off Adhesion is conducted as per EN standard method. Specification for Flexural Strength is derived internally since limits are not specified in EN standard.

Packaging & Storage

Adhere Lock Fix Block Jointing Mortar is available in 40 kg bag and has a shelf life of 6 months subject to stored in a cool and dry location properly.

