Talrak® Blockmate

Cement based adhesive for light weight concrete block masonry

Description

Talrak® Blockmate is a cementitious ready to use adhesive for light weight concrete block masonry.

Features & Benefits

➢ Cementitious thin jointing mortar with high adhesive strength
➢ Pre-packed, only addition of water at site
➢ No space required for storage of sand, cement etc., at site
➢ Easy to mix and apply - fast construction thin joints

Primary Application

➢ Laying and jointing of fly ash bricks, hollow blocks, AAC blocks etc.
➢ Filling of joints between precast concrete slabs, panels.
➢ Filling of Joints in concrete window and door frames.
➢ Thin Joints - Economical

Technical properties

Water powder ratio	0.25 - 0.3
Density of mixed material	1.4 g/cc
Color	Grey
Pot life	≈1 hour @27°C
Hardening time	24hrs
Tensile adhesion strength @ 28 days	1 MPa
Curing	No additional curing required

Application Instruction

The substrate should be properly cured prior to application of Talrak® Blockmate and be cleaned thoroughly to remove all loose particles dust etc. The surface must be structurally sound, free from efflorescence and any other contaminant which could impair the bond.

Mixing

Take a clean vessel/bucket of such capacity which can hold 25 kg wet mix of Talrak® Blockmate with measured amount of water in it. The water-powder ratio shall be 0.25 to 0.3, depending on the consistency of the wet mix required. Add Talrak® Blockmate powder slowly in the bucket while mixing with a paddle mixer fitted to a drilling machine drive. Add water incrementally in stages to get a smooth, uniform and workable mix. However the water/powder ratio should not exceed 0.3. Ensure that no powder is left unmixed at the bottom of the vessel.

Application

Mark out the footprint of wall with openings. Place 3 to 5mm thick layer of Talrak® Blockmate on the clean and levelled surface using proper trowel on which the block work is to be carried out. Place the block on the laid Talrak® Blockmate mix to proper line and level. After placing the first block, apply Talrak® Blockmate at same thickness on both the sides of the block continuously keeping a check on the line and level. Strike out the excess material, if any, using the trowel immediately. Continue the procedure for the entire block work.

Estimating Packaging

Talrak® Blockmate is supplied in 25kg HDPE bag with inner lining.

Coverage

Under normal conditions 25kg bag of Talrak® Blockmate will cover 5.5m² to 6m² area at thickness of 3mm, however the coverage will depend upon the quality of the substrate and thickness of the material used. To control the thickness of the mortar applied, usage of notch trowel is recommended. This will ensure optimum coverage of the material.

Storage

Talrak® Blockmate has a shelf life of 12 months if stored under normal warehousing condition.

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The Construction Alchemists

Precautions
Health & Safety Instructions

Contact with the skin should be avoided as certain sensitive skins may be affected by contact. In such cases if contact occurs, the skin should be washed immediately with soap and water-not solvent. Gloves and barrier creams should be used when handling these products. Eye contamination must be immediately washed with plenty of water and medical treatment sought.

Talrak Construction Chemicals Pvt. Ltd.

An ISO 9001:2015 Certified Company

Works:
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