

PolyBond AAC TBA

Polymer Modified Cement-Base Thin Bed Adhesive for AAC Block

POLYMiX®

Your Preferred Choice of Cement- Based Products

PRODUCT GROUP : ADHESIVE & GROUT SYSTEM

POLYBOND



ADVANTAGES

- User Friendly with only addition of water
- Excellent flexural and bond strength
- Long open time compared to ordinary adhesive
- Excellent workability
- Cost effective

DESCRIPTION

PolyBond AAC TBA is a high quality polymer modified thin bed adhesive specially formulated for thin vertical and horizontal jointing of 2 to 5mm for aerated autoclaved lightweight concrete blocks or panels. **PolyBond AAC TBA** has special characteristics of high water retention property to prevent rapid loss of water and longer open time, critical for the proper installation of ACC blocks or panels. As a thin bed adhesive, **PolyBond AAC TBA** will allow faster installation of ACC blockwall with excellent vertical and horizontal alignment and thereby enable **Polymer Modified Cement-Based Thin Plaster** as an alternative finishing. Thus, enhance quality and productivity as well as cost saving in overall finishing works.

TECHNICAL SPECIFICATION

- Appearance : Grey
- Both strength : 0.5 N/mm²
- Compressive strength : 15 N/mm²
- Fire rating : Compatible to AAC blocks
- Open time : 15 minutes
- Pot life : 3 hours
- Coverage : Approx. 1.1-1.3 kg/m²/mm (600 x 200 x 100) mm
- Block size
- Additives : Water soluble polymer to enhance consistency, workability, water retention & adhesion

SURFACE PREPARATION

Remove all loose materials or traces of foreign materials and ensure surface cleaned, free of dust and dirt, prior to the application of **PolyBond AAC TBA**.

MIXING

Mix thoroughly a bag of 25kg **PolyBond AAC TBA** with approximately 8.0 - 9.0 litres of clean water by using an electrical power mixer for 3 to 5 minutes until the homogeneous paste is achieved. Re-mix the material before re-use if the material is left undisturbed for more than 30 minutes.

APPLICATION

Remove dust, oil, dirt and any other unsound material from the AAC block surface. Spread the **PolyBond AAC TBA** with notched trowel and ensure all joints are fully covered. Install AAC block over the fresh adhesive within 5 minutes or before a film is formed on the surface of **PolyBond AAC TBA**. Adjustment for alignment should only be done with a rubber mallet to ensure good bonding with the adjacent block at completed joint thickness of 2 to 3mm. Remove excessive or dripping **PolyBond AAC TBA** from the AAC surface before it hardens and patch back unfilled joints with same material. Avoid heavy loading of the newly completed wall within 24 hours.

PACKING AND STORAGE

- Packing : 25kg / bag
- Shelf life : 6 months
- Storage : Keep in cool dry condition



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