

CMI BLOCKFIX 187



DESCRIPTION

CMI BlockFix 187 is a water-resistant, cement-based thin bed adhesive specially formulated for jointing / bonding of AAC (autoclaved aerated concrete) or ALC (aerated lightweight concrete) blocks, panels and lintels. Its high adhesion and flexural strength ensure higher load carrying capacity thus minimizing the occurrence of cracking to walls or joint area in interior and exterior conditions.

USES

Jointing / bonding of ALC and AAC blocks for both interior and exterior use.

TECHNICAL DATA

Appearance	: Grey Powder
Specific Gravity	: 1.60
Wet Density	: 1.72 g/cm ³
pH	: 12
Recommended Thickness	: 2 - 5mm
Mixing Ratio	: Approx. 26 - 28% water on dry material
Open Time	: Approx. 15 minutes. May vary depending on porosity of substrate and ambient temperature
Pot Life	: Approx. 2 hours
Setting Time	: 8 hours
Adhesion Strength	: > 0.6 N/mm ² @ 7 days
Flexural Strength	: > 1 N/mm ²
Compressive Strength	: > 25 N/mm ²

SURFACE PREPARATION

All surfaces must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding.

MIXING

Add 40kg bag of CMI BlockFix 187 to approximately 10.5 – 11.0 litres of clean water. *(Do not add cement into the mixture)*
Mix thoroughly for 3-5 minutes using mechanical mixer until the homogenous paste is achieved and lump-free. Allow mixture to stand for 5 minutes and re-stir before use. Re-mix if the mixture is left unattended for more than 30 minutes.

APPLICATION

- Spread the adhesive to fixing surfaces of blocks with a thin bed solid bed notched trowel at bed thickness between 3 to 6 mm.
- Work in a small area at a time and fix blocks immediately to avoid skin over of adhesive bed. Re-trowel if the adhesive bed surface had skin over.
- Use a rubber mallet to tap and adjust the blocks firmly on the adhesive bed to ensure good contact and alignment is achieved.
- Remove excess adhesive before it sets or hardens.
- Allow adhesive bed to set for 24 hours before any subsequent works.

COVERAGE

Approx. 3.5 kg/m² at 2 mm bed thickness

PACKAGING

Available in 40 kg bag

SHELF LIFE & STORAGE

Six (6) months when stored in cool and dry condition in its original packing