



AAC CONCRETE BLOCK Adhesive



DUNLOP AAC CONCRETE BLOCK ADHESIVE is an off-white cement based adhesive which has been specially formulated for bonding lightweight AAC concrete blocks. The adhesive is simple to use for both the DIY and trade alike.

APPLICATION RANGE

Suitable for adhering AAC concrete blocks and panels in constructing walls in accordance with manufacturers instructions.

SURFACE PREPARATION

Use a hard brush to remove any loose particles from AAC block. Clean off dust, oil, grease and all loose contaminating materials or coatings. Ensure surfaces are dry with no residue or permanent dampness.

MIXING

- 1 Add approximately 5L of clean water to a bucket.
- 2 Gradually add 20kg of DUNLOP AAC CONCRETE BLOCK ADHESIVE to the water whilst mixing on low speed with an electric paddle mixer to disperse the powder into a creamy, lump free consistency.
- 3 Allow the mix to stand for 3-5 minutes prior to application.
- 4 Do not remix or add any additives to the mix.

APPLICATION

- 1 Apply the DUNLOP AAC CONCRETE BLOCK ADHESIVE to the horizontal and vertical surfaces of the AAC concrete blocks that will be adhered, with a 4mm notched trowel.
- 2 Apply the DUNLOP AAC CONCRETE BLOCK ADHESIVE to a maximum of 6 blocks or 1 panel at one time.
- 3 Position the AAC concrete blocks by gently using a rubber mallet to secure the blocks into position. Use a spirit level to check the level and alignment of blocks.
- 4 The width of the DUNLOP AAC CONCRETE BLOCK ADHESIVE joint should be approximately 2-3mm.
- 5 The mixed material is useable for up to 4 hours @ 23°C and 50% relative humidity.

DRYING TIME

The DUNLOP AAC CONCRETE BLOCK ADHESIVE will cure after 24 hours at 23°C after which it can be overcoated with DUNLOP Renders. Do not apply in temperatures below 10°C or above 35°C. Application in conditions below 10°C will extend the drying time whilst application in conditions above 35°C will shorten the drying time and premature curing of the adhesive could result in the adhesive not reaching a full bond.

COVERAGE

Coverage will vary depending on the condition of the surface and site conditions. As a guide, 20kg of DUNLOP AAC CONCRETE BLOCK ADHESIVE will fix 25m² of 75mm concrete block panel (150x40cm) or the following coverage of concrete blocks (60x20cm);

- 9m² at 100mm thick AAC concrete block
- 4m² at 200mm thick AAC concrete block

CLEAN UP

Clean all tools in water immediately after use.

SHELF LIFE

12 months when stored in a dry place, in original unopened packaging.

PRECAUTIONS

Do not apply in temperatures below 10°C or above 35°C. Do not apply in rain or frost or when rain is imminent.

SAFETY DATA

The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place. Keep out of the reach of children. Use gloves to prevent skin irritation. Avoid inhaling dust by using a dust mask. Wash immediately with plenty of water if material enters the eyes. Additional information is in the Material Safety Data Sheet (MSDS) available at www.dunlopdii.com

USER NOTES

The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is the responsibility of the user to ensure that the products are used in accordance with DUNLOP product instructions and in applications for which they are intended.

TECHNICAL INFORMATION

Product Characteristics	
Colour	Off-white
Characteristics of Mix	
Mixing Ratio	5L/20kg Powder
Application Properties	
Pot Life	4 hours
Drying Time	24 hours
Bond Wrench Test (AS3700)	Pass



AAC CONCRETE BLOCK *Adhesive*

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