

Technical Data Sheet

ROCKCOTE AAC ADHESIVE

Effective From	01 Nov, 2017
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ROCKCOTE AAC Adhesive is a white cement based adhesive that has been formulated for bonding lightweight AAC (autoclaved aerated concrete) panels and blocks. It is suitable for use to adhere AAC elements according to their manufacturer's instructions.

Features

- Only requires addition of water
- Easy to use
- White in colour
- Long pot life
- Extremely strong bond

Benefits

- Crack resistant
- Similar colour to AAC panels

Uses

- Specifically designed for bonding AAC blocks

Colour

- White

Coverage Rate

25m² of 75mm AAC panel

A 20kg bag of ROCKCOTE AAC Adhesive will fix 25m² of 75mm AAC panel (1500 x 400mm) or the following for AAC block 9m² at 100mm thick or 4m² at 200mm thick

Application Method

4mm Notched Trowel

Typical Data at 25°C and 50% Relative Humidity

Drying Time

Curing Time

24 hours to suitable hardness

ROCKCOTE AAC Adhesive will cure to a suitable hardness after 24 hours at 25°C, however ambient temperature and conditions and substrate conditions will affect curing times. ROCKCOTE AAC Adhesive should not be applied in temperatures below 10°C or above 35°C.

Clean Up

Clean with water immediately after use if AAC Adhesive has not cured.

Packaging Sizes

20Kgs

Pot Life

1.5 hours

Substrate Conditions

- Must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants.

Mixing

- Add approximately 5.5 to 6L of clean water to a bucket and gradually add 20kg of ROCKCOTE AAC Adhesive while stirring slowly.
- Allow the mix to stand for 3-5 minutes before use.
- Do not remix if the ROCKCOTE AAC Adhesive starts to harden in the pot.

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Application

- Apply ROCKCOTE AAC Adhesive to the horizontal and vertical surfaces of the AAC blocks or panels to be adhered, using a 4mm notched trowel.
- Apply the ROCKCOTE AAC Adhesive to a maximum of 6 blocks or 1 panel at a time.
- Position the AAC blocks by gently tapping with a rubber mallet and use a spirit level to check for alignment.
- The thickness of the ROCKCOTE AAC Adhesive should be approximately 2-3mm.
- Once mixed, ROCKCOTE AAC Adhesive will remain usable for 1.5 hours @ 25°C and 50% relative humidity.

Precautions and Limitations

- ROCKCOTE AAC Adhesive should be used within 12 months from date of manufacture.
- ROCKCOTE AAC Adhesive should not be applied in temperatures below 10°C or above 35°C.

Transport and Storage

- ROCKCOTE AAC Adhesive must be kept dry during transportation and storage.
- When working with ROCKCOTE AAC Adhesive, observe the usual precautions for handling cement based products.
- Avoid inhalation of the powder, prolonged skin contact and particularly eye contact.
- If contact occurs, flush thoroughly with clean water.
- Wear protective clothing to minimise skin contact and wear goggles where spatter is likely.
- Where spills occur, sweep up dry material or soak up liquid spillage with sand/sawdust and remove to suitable disposal.

Disposal

- Dispose of in accordance with local council regulations

Safety Data

Refer ROCKCOTE AAC Adhesive SDS

Disclaimer

ROCKCOTE Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.