



CON Mortar AAC Block

Mounting Cementous mortar for light-weight & AAC blocks.



DESCRIPTION:

CON Mortar AAC Block is a one-component cement mortar for mounting and fixing lightweight blocks. Ready to use after adding water. Suitable for interior and exterior use in hot climates.

TYPICAL USES:

- CON MORTAR AAC BLOCK is particularly recommended for:
- Permanent fixing of all types of lightweight blocks such as AAC and ThermStone.
- Bonding many types of thermal insulation such as PU, EPS and XPS.
- Can be used internally and externally.
- Suitable for hot climates.
- Can be used for vertical and horizontal surfaces.

ADVANTAGES:

- Extended open time.
- Water resistant, will not be affected in wet areas.
- Applicable for vertical and horizontal application (Non sag).
- Suitable for internal and external application.
- Water-based environmentally friendly.
- Can be over-coated with suitable paints.
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- Good bond strength to the mentioned material.
- Ready to use after adding water.

TECHNICAL SPECIFICATIONS:

Appearance :	Powder
Density :	1.6 kg/cm ³ (+- 3%)
Colour :	White/Grey
Application Ambient Air Temp :	5 °C to 35 °C
Application substrate Temp :	5 °C to 35 °C
Resistance to fire as per BS :	Class A1 EN 998-2, 2003
Pull off strength at 28 days :	> 0.35 MPa BS 1881 part
Pot Life :	2hrs at 25 °C

APPLICATION PROCEDURE:

SURFACE PREPARATION:

- Before application, removing all dirt, dust, grease, oil, paint, salt laitance, moss, and weeds from the surface is essential.
- The substrate must be clean, sound, and free from dust and all traces of oil and laitance. It must not be over heated nor frozen.
- In hot weather, the surface receiving CON Mortar AAC Block should be brushed with some water immediately prior to application.

PRODUCT PREPARATION:

- Mix a 25kg bag of CON Mortar AAC Block with 5-6 liters of potable cool water.
- Mixing has to be done with a mechanical mixer for 3 minutes.

PRODUCT APPLICATION:

- Apply CON Mortar AAC Block to the light weight blocks using a notched trowel to approximately 3 to 5 mm thickness.
- Place the blocks onto the mortar ensuring good contact. Check the level and continue with the next block.
- Remove excess material with a wet sponge before setting.
- Care should be taken in order not to mount blocks if a dry skin has already formed on the freshly-applied mortar.
- Ideal application temperature is between + 5 °C and + 35°C.

CURING:

- Protect the newly applied material from sunshine and wind. In hot weather it is advisable to cure the new material with water.

PACKAGING & STORAGE:

- **Packing:** 25 kg bag.
- **Storage:** Store under cover, out of direct sunlight and protect from extreme temperatures.
- **Shelf life:** Shelf life is up to 12 months when stored as per recommendations.

Coverage:

- 25 Kg of CON Mortar AAC Block plus approximately 24% of clean cool water will give between 17.0-18.0 liters of workable mortar.

HEALTH & SAFETY:

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As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally allowed, do not induce vomiting, but call for medical assistance directly.

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