

## **ALC BLOCKMIX**

**(ADHESIVE MORTAR FOR LIGHT CONCRETE BLOCKS)**

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ALC Blockmix is specially designed thin joint mortar for use with aerated lightweight concrete blocks. It ensures that joint width is kept to a minimum hence eliminating the cause of thermal bridging associated with the use of traditional mortars.

### **PRODUCT GRADES**

ALC Blockmix is available in two colours GREY and WHITE.

### **USES**

ALC Blockmix is suitable for thin joint mortar for use with aerated lightweight concrete blocks. Can be used in all masonry application for block work when using light weight or aerated concrete blocks in construction of :

- Factory and warehouse floors.
- Commercial and Industrial facilities
- Car parks, etc.
- Hotels and Restaurants
- Showroom
- Workshops
- Residential Villas and Apartments

### **ADVANTAGES**

- Extended open time.
- Minimum joint width, reducing plaster costs and thermal bridging.
- Formulated specially for ALC block laying.
- Excellent adhesion.

**Chemically Engineered Products**

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#### **SURFACE PREPARATION**

Ensure that all dust, dirt and foreign matter are scraped and brushed away. The lightweight block surface should be free from loose particles, dust, dirt, grease and oil. Surface should be moistened with water immediately prior to application of ALC Blockmix.

#### **MIXING**

Mix, thoroughly with the recommended amount of water, with a high speed mixer for 3 – 5 minutes. Let the material stand for 5 minutes prior to application.

#### **APPLICATION & CLEANING TOOLS**

Apply the ALC Blockmix to the Light weight block surface using a mortar applicator or notched trowel to approx. 3 mm thickness. Place the blocks into the mortar ensuring good contact. Check the level and continue with next block. Remove excess material with a wet sponge before setting.

Clean tools and equipment with water after use.

#### **PACKING AND STORAGE**

ALC Blockmix is supplied in 25 kg plastic bags. Store product in a clean dry area protected from direct sunlight and extreme heat and cold. It should be stored as supplied, until ready for use. Pallets can be stacked two high provided care is taken. Opened Sacks should be used first. Unopened Sacks can be stored for 6 months. Use oldest material first.

#### **TYPICAL PROPERTIES**

PRODUCT	Ready mixed thin layer mortar for Aerated/Light weight Concrete blocks
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BINDERS	Hydraulic and organic binders
FILLER	Inert, precisely graded quartz fillers.
ADDITIVES	Plasticising agents, adhesion promoting agent and water retaining agents.

**Wet Density :** 1360 kg/m<sup>3</sup>  
( BS EN 196 1994 Cls 4.5.2)

**Compressive Strength :** 28 days 7.4 N/mm<sup>2</sup>  
( BS EN 196 1994 Cls 4.5.2)

**Acid Soluble Chloride :** 0.01  
( BS EN 1881 )

**Max. time for the application**  
60 minutes at + 20 °C

**Temperature of application**  
From + 5 °C to + 40 °C

**Consumption**  
4 – 5 kg/m<sup>2</sup> for block work

**Colours**  
Grey or White.

**Mixing**  
5 – 5.5 ltr. Water/25kg powder.

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#### **Storage**

6 months in original unopened containers.

#### **HEALTH AND SAFETY**

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

#### **PRECAUTIONS**

**CLEANING:** All equipment shall; be cleaned with clean water immediately after use. Mixes containing this product shall not be emptied into drainage systems.

**PROTECTION:** All block work must be protected from rain and frost until fully hardened.

**STORAGE:** Shelf life 12 months when stored in dry conditions at normal temperature and humidity.

Whilst the information and / or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.

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