

BUMA-MOTA®

AAC-J

AAC block/ panel jointing mortar

Economical

Ease to use

Extend working time

High bonding strength



PRODUCT DESCRIPTION

AAC-J is premix mortar for jointing and bonding of AAC blocks, panel, concrete blocks, hollow blocks, clay bricks and fly ash bricks. **AAC-J** consists of cement, graded sand and specialized polymers, which combine to give superior adhesion strength, water retention and stability. It replaces the conventional method and material of jointing mortar, which requires a 12-20 mm thickness with a revolutionary 2-5 mm joint thickness. It is mixed with water to make adhesive

ADVANTAGES

- High bonding strength
- No curing required
- Ease to use
- Extend working time
- Fast and economical

SUITABLE SUBSTRATES

- AAC/ ALC Blocks
- Cement Mortar Blocks/Bricks
- Fly Ash Bricks
- Calcium silicate bricks
- Clay Bricks

PACKAGING: 25 kg/bag

COLOUR: Grey

COVERAGE

AAC Blocks at 600 x 200 x 100mm size

Mortar thickness (mm)	Wall area (m2)
2	13.5
3	9.0
4	6.7

SHELF LIFE

Factory sealed containers of this product are guaranteed to be of first quality for six (06) months* if stored off the ground in a dry area.

* High humidity will reduce the shelf life of bagged product.

LIMITATIONS

- Install only at temperatures between 8°C and 35°C
- Contains Portland cement. May irritate skin in case of prolonged contact with skin
- DO NOT take internally. Avoid breathing dust. Wear a respirator in dusty areas
- Keep out of reach of children

INSTALLATION**Surface preparation**

- All surfaces should be between 8°C and 35°C
- Surfaces must be structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or

curing compounds.

- Dry, dusty concrete slabs or masonry should be dampened and excess water swept off.

Mixing

- Pour 7.5 - 7.8L of potable water into a clean pail.
- Gradually add 25kgs of powder while slowly mixing
- Use a low-speed mixing drill (about 300-600 rpm). Mix thoroughly until mixture becomes a smooth, homogenous. Avoid prolonged mixing.
- Let mixture stand ("slake") for 3-5 minutes then remix. During application time, if mixture becomes heavy or stiff, remix without adding more water

Application

- Before placing mortar, ensure the AAC block/ panel to be clean and dampen properly. Place the mixed mortar on the AAC block/ pane in thin layers of 2 to 3 mm (or as required by engineers at site) using trowel and place the next layer of blocks on the mortar.
- Check the plumb of the wall while laying the blocks to keep the walls perfectly vertical to the plumb.

Cleaning

- Due to high adhesion strength of this product (even on metals), tools should be washed before mixture becomes harden
- Once mixture setting, cleaning can only be carried out by mechanical method

SAFETY PRECAUTIONS

- In case of contact with the eyes, rinse with running water (10-15min)
- Wear protective gloves, clothing and eyes and face protection.

DISCLAIMER

- Technical details and recommendations contained in this product datasheet correspond to the best of our knowledge and experiences at the time of printing
- These detail offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products for their requests
- Technical details and recommendations can be changed by site condition and workmanship of applicators.
- As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program
- The newest technical data sheet will be supplied upon user request

TECHNICAL SERVICES/ AVAILABILITY

Information is available by calling

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PRODUCT PERFORMANCE PROPERTIES

Test	Test Method	Result
Compressive strength at 28 days	TCVN 9028:2011	≥ 10.0 MPa
Bonding strength on AAC surface at 28 days		≥ 0.4 MPa
Bonding strength on concrete surface at 28 days		≥ 0.8 MPa
Size of maximum aggregate		≤ 0.63 mm
Flow		180 – 200 mm
Initial setting time		≥ 180 minutes
Adjustability time		≥ 5 minutes

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions

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