

BUMA-MOTA®

Skim 2in1

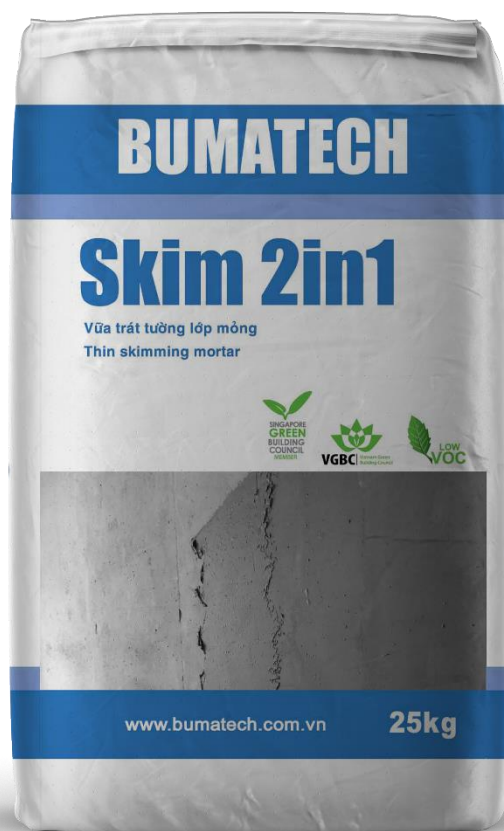
Thin-skimming mortar

High adhesion strength

Ease to use

No need primer

Suitable for various substrates



PRODUCT DESCRIPTION

Skim 2in1 skimming mortar is a high quality; polymer fortified cementitious skimming material with excellent water retention, adhesion and workability properties. It is formulated to be used as finishing to interior and exterior walls as well as ceilings at 5mm thickness for 1 layer. Maximum thickness is 10mm (2 layers)

SUITABLE SUBSTRATES

- Concrete substrate
- Cement plaster
- Pressed concrete brick
- Air Aerated Concrete (Block or panel)
- Precast panel (Acotec...)

PACKAGING: 25 kg/bag

COLOR: Grey or white

COVERAGE

1.5kg/m2/mm thickness

SHELF LIFE

Factory sealed containers of this product are guaranteed to be of first quality for six (6) months* if stored off the ground in a dry area.

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

LIMITATIONS

- DO NOT add cement or sand to **Skim 2in1**
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water
- DO NOT take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas
- Reinforced mortar layer by alkalis resistant mesh **BuMaMesh 70/150** if thickness more than 10cm.

INSTALLATION**Concrete substrate preparation**

- Concrete surfaces should be structurally sound, clean and free from all dirt, oil, grease, adhesives, paint, sealers or curing compounds
- Repair cracks present in the concrete substrate with **BUMA-POXY Bond 81** by injection method
- Concrete surface must be mechanically roughened prior to application. All substrates must have minimum ICRI CSP 1 to 2 (Grinding, low pressure water-jet blasting...). Bonding strength of surface must be at least 1.5MPa according to ASTM C1583

Pressed concrete block, AAC block/panel, precast panel substrate preparation

- Surfaces should be clean and free from all dirt, grease. Dampen the surfaces before application

Mixing

- Pour 7,5 to 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 5 minutes.
- Remix
- During application time, if mixture becomes heavy or stiff, remix without adding more water

Application

- Apply plaster to substrate, levelling and finishing with a steel trowel or spatula. A typical 5mm coat will dry out between 04 to 12 hours depending on ambient temperature. When applying in multiple layers, ensure that the previous coat is reasonably dry before placing the next coat.
- Use suitable spray machine for application. Please check before use

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	Specification	Result
Flow	TCVN 4314:2003 TCVN 3121-3:2003	175 – 205mm	> 175
Compressive strength at: - 28 days	TCVN 4314:2003 TCVN 3121-11:2003	KQĐ N/A	≥ 10 MPa
Adhesion strength on concrete substrate	TCVN 3121-12:2003	KQĐ N/A	≥ 0,8 MPa
Adhesion strength on AAC block	TCVN 9028:2011 TCVN 3121-12:2003	≥ 0,4 MPa	Meet requirement*
Ion chloride content	TCVN 4314:2003 TCVN 3121-17:2003	< 0.1%	Meet requirement

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