



BUMA-MOTA®

FLEX JC 2K

2 components, flexible joint compound

Economical

Ease to use

Good crack bridging

High bonding strength



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PRODUCT DESCRIPTION

Flex JC 2K is two components, cementitious power and elastic additive. When mixed together to make high bonding strength and flexibility mortar used to treat the joint between concrete panel, CFC board, gypsum board or treat the small crack on concrete or masonry surface

USES

- Product with high bonding strength and flexibility designed for joint and crack treatment

SUITABLE SUBSTRATES

- Cement board
- Gypsum board
- Concrete panel
- Concrete block
- Concrete
- Cement mortar bed

PACKAGING: 07 kg/set, 35 kg/set

COLOUR: Grey or milky white

COVERAGE:

0.4kg/Lm for width 10cm, 2mm thickness

SHELF LIFE

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area.

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

LIMITATIONS

- Install only at temperatures of surface 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
- Use a white mortar in case of applying skim coat and painting for finishing
- DO NOT use product for expansion joints, structural joints
- Keep out of reach of children

INSTALLATION**Surface preparation**

- All surfaces should be between 4°C and 35°C
- The width of joint must be at least 2mm
- Joint between concrete panel, using steel and plastic brush to clean, make sure the depth to apply mortar is at least 5mm; dampen the joint surface prior to application.
- Crack on concrete, cement mortar bed, using cutting machine to create V joint has width 10mm and depth 5mm, clean all dust with brush and water

prior to application

- The surface must be swept off excess water

Mixing

- Pour 2 (10 kgs) liquid component into clean pail
- Gradually add 05 (25 kgs) 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 minutes, remix.
- If mixture becomes heavy or stiff, remix without adding more liquid. Use the mixture within 1 hours

Application

- Use suitable steel or plastic trowel to spread first mortar layer along joint between panels with minimum width 10cm
- Insert reinforced fiberglass mesh whilst mortar still fresh or the glass mesh can be adhered prior to applying mortar **Flex JC 2K**
- Waiting for drying around 2 hours, applying the second layer of **Flex JC 2K** to make sure it cover all glass mesh and acquired the thickness about 2mm
- Wait for 24 hours, applying skim coat **BuMaSkim** to help sanding work easier after it dried
- Waiting for at least 24 hours, sand out the surface and applying painting system

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 reccomendations 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 reccomendations 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
Adhesive strength on concrete substrate (28 days)	ASTM D4541	> 0.5 MPa
Crack bridging	BS EN 14891	> 0.75 mm
Elongation at break	ASTM D412	> 20%
Maximum tensile strength	ASTM D412	> 1.0 MPa
Shore A hardness	ISO 868 : 2003	> 65
Pot life (29°C)	n/a	1 hours
Time before finishing	n/a	24 hours

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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