

## ReArm BJM

(Formerly known as MYK Block Joint Mortar)

Thin Layer Jointing Mortar



### TECHNICAL DATA SHEET

#### Product Description

Ready to use grey cement based non-shrink, thixotropic high strength self-curing, water resistance mortar for fixing AAC blocks, Concrete blocks, fly ash bricks Aerated Light weight concrete etc.

#### Uses

- Fixing and jointing masonry units like AAC blocks, Concrete blocks, fly ash bricks etc.

#### Features and Benefits

- Ready to use only water to be added
- Better bond than conventional cement based mortar
- Uniform and consistent quality.
- Good bonding strength & flexible shock and impact resistant
- No shrinkage cracks at joints.
- Thin jointing with high adhesion to contribute to load bearing capacity of masonry Ready for subsequent application in 24 hours.  
Quick installation & Save substantial cost compared to conventional mortar
- Self Cure

#### Application Methodology

##### Step No 1: Surface Preparation:

1. Prepare the surfaces thoroughly before the application of the ReArm BJM by making the surface clean sound etc
2. The cleaning can be carried out with suitable methods like by using wire brush, water jetting, mopping etc.
3. Wet the blocks, bricks, concrete blocks etc before application of ReArm BJM to avoid any premature stiffness (absorption of water by the bricks/blocks from ReArm BJM).

##### Step No 2: Product Mixing

ReArm BJM requires  $25 \pm 3\%$  of water by weight of material. ReArm BJM shall be mixed in a clean container using a heavy duty Slow / speed drill machine with mixing paddle (< 500 rpm). It shall be mixed for 2 to 3 minutes until lump free homogenous mass is obtained. Leave material to stand in container until the majority of bubbles have dispersed (minimum 5 minutes). Then remix the material for 15 seconds - the product is now ready for use

##### Step No 3: Product Application:

- If the substrate is porous, temperature is high and/or the relative humidity low, it is advisable to dampen the surface.
- Do not leave any standing water. Apply a thin uniform Layer of ReArm BJM Block Joining Mortar 2 to 3 mm thick on the clean & levelled surface of masonry units using proper trowel Place the next course of masonry units on evenly jointing mortar bed in proper line & level.
- In case of Brick work the mortar has to be applied in between the bricks Each masonry unit shall be properly bedded and set in position by gently pressing with handle of trowel.
- Clean the excess material, if any immediately. Continue the procedure for the entire masonry work. Do not disturb the blocks /bricks setting for first 24 hours.
- It is recommended to apply ReArm BJM with notch rowels for attaining uniform thickness of 3 mm.
- ReArm BJM material consistency shall not be in slurry form to avoid air pockets and weak adhesion.

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### Technical Data

Bulk Density:	1200 -1300 kg/cum
Water power ratio:	25±3 % by weight
Pot life: @ 27°C	1 hour
Usable time post application	24 hours
Tensile Adhesion Strength @ 28days	0.6 N/sq.mm
Splitting tensile strength @ 28days (ASTM C 1660-09)	0.50 N/ sq. mm
Compressive strength @ 28 days	6-7 N/ sq. mm

Thickness	Coverage in sft for 30 kgs bag	Coverage in sft for 40 kgs bag
3 mm	120	160
4 mm	90	120
5 mm	72	96
6 mm	60	80

### CoverageTable: @ 3 mm Thickness

Block Size (mm)		Wall Area Coverage	
Length	Height	Thickness	(Sq. ft/ 40 kg bag)
600	200	75	180-200
600	200	100	160-180
600	200	125	140-160
600	200	150	120-140
600	200	175	80-120
600	200	200	70-80
600	200	230	60-70
600	200	300	40-60

### Cleaning of Tools

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically

### Limitations:

Do not exceed the water dosage  
Apply the material on surfaces which are sound and well prepared substrate

### Packaging

30 kg and 40 kg bags.

### Storage and Shelf Life

ReArm BJM has a shelf life of 6 months from the date of manufacture. Store at cool and dry place.

### Product Categories Available



### Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. the proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.