

RAZON LMW - 6

AAC BLOCK ADHESIVE

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LMW - 6

(High Performance Block Adhesive – Block Jointing Mortar)

LMW-6 is a factory prepared ready to use, non shrinking, high bonding, self curing, high strength, early strength gaining, easy-workability & workability retaining mortar based on cement, green high grade inert fillers, polymers and bonding enhancers designed as an AAC and CLC masonry mortar.

Method of Use

Using suitable receptacle, add water in this vessel, add LMW-6 to this water till mortar of satisfactory consistency is obtained, use this mortar as usual. Approximately 7.3 litres water is required for 20 kgs LMW-6. Pot Life of

LMW-6 is about 30 minutes to 60 minutes depending upon the ambient temperature.

Coverage

LMW-6 comprises surfactants and high strength polymers to provide a relatively large surface area on porous surfaces such as AAC and CLC blocks. Despite of thin thickness, the strength achieved is equal or greater than the strength of the block.

The coverage obtained from LMW-6 is approximately 150-170 sq ft, on AAC blocks for an average thickness of 2-3mm.

Standards

LWM-6 confirms to BS 1881(Pt 207):1993, MM 7.5 mortar as per IS 2250:1981 and split tensile strength as per ASTM C 1006-7.

Performance

No	Property	Test method	Result	Remark
1	Compressive Strength	BS 6319 Pt 2	8.36 N/mm ² @ 28 days	Air curing only- no water curing
2	Split tensile Strength	ASTM C1006 -07	Up to 0.48 N/mm ²	Block failure- bond is intact
3	Pull out test	BS 1881(Pt 207) 1993	0.3 N/mm ²	Block failure- bond is intact

Note:- Protect contents of bag from moisture, preferably close bag after drawing material from the bag.

Product Data		
No	Characteristics	Property
1	Application	Applied as dry shake
2	Coverage	Approx 14-17 sq M per 20 kg bag for thickness of 2-3 mm
3	Curing	Self curing
4	Pot life	Max 1 hour
5	Packing	20 kgs air tight bags
6	Shelf life	6 months if stored in air tight packing, away from direct sunlight & moisture.

It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable. All Razon datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.



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