



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals



MCON BLOCK MORTAR

SINGLE PACK READY TO USE JOINTING MATERIAL FOR AAC BLOCKS, CONCRETE BLOCKS ETC.

Product Description :-

MCON BLOCK MORTAR is a polymer modified pre-mixed, easy to apply, high quality adhesive mortar, comprising of cement, graded sand and special additives. It is convenient, easy to use, Strong and binds better to its substrate. Specifically designed to provide strength & adhesion to walls constructed by AAC blocks, fly ash bricks, concrete blocks etc. It replaces conventional jointing mortar of 12-18 mm thickness with highly versatile 3-6 mm thickness.





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Areas of Application :-

As a block jointing mortar for internal and external walls of AAC Blocks, Concrete Blocks and Fly Ash bricks.



Features & Benefits :-

- ✓ Thinner jointing with high adhesion gives better quality and output of overall masonry work.
- ✓ Minimal chances of leakage as the joints are water tight and well bonded to the masonry.
- ✓ Factory made product with consistent quality.
- ✓ No water curing is required at site.
- ✓ Ready to use, only clean water to be added at site.
- ✓ Better bond than conventional cement based mortar
- ✓ Improved labor productivity hence reduces costs
- ✓ Good mechanical strength
- ✓ Ready for plastering within 24 hours of block work.

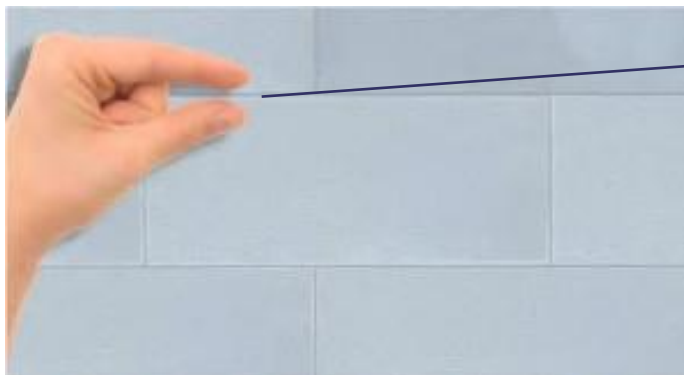


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Typical Properties :-

| | |
|---------------------------|--|
| Appearance | Grey Colored Powder |
| Aggregate | Graded Sand |
| Basic Binder | Ordinary Portland Cement |
| Additives | Polymer additives |
| POT Life | 30 – 45 mins. at 30°C |
| Water Powder Ratio | 1:4 by volume / 8 - 9 Lt. per 40 kg bag |
| Packing | 40 kgs. Bag |
| Coverage | 90 - 100 sq. ft. @3 mm thickness for the block of size 600 x 200x150 mm |



→ 3 mm thickness



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Blockfix Coverage Chart :-

| Size (mm) | | | Jointing Surface Area of 1 block (Sq.Ft.) | Mortar required in Kg/Block (170 sq. ft. / 40 Kg) | Blocks required for 100 Sq.Ft. | Jointing Mortar in Kg required for 100 Sq. Ft. |
|-----------|-----|-----|--|---|-----------------------------------|--|
| L | H | W | | | | |
| 650 | 250 | 75 | 1.45 | 0.34 | 57.17 | 19.55 |
| 650 | 250 | 100 | 1.94 | 0.46 | 57.17 | 26.06 |
| 650 | 250 | 125 | 2.42 | 0.57 | 57.17 | 32.58 |
| 650 | 250 | 150 | 2.91 | 0.68 | 57.17 | 39.09 |
| 650 | 250 | 200 | 3.88 | 0.91 | 57.17 | 52.13 |
| 650 | 250 | 225 | 4.36 | 1.03 | 57.17 | 58.64 |
| 650 | 250 | 250 | 4.84 | 1.14 | 57.17 | 65.16 |
| 650 | 250 | 300 | 5.81 | 1.37 | 57.17 | 78.19 |
| 650 | 200 | 100 | 1.83 | 0.43 | 71.46 | 30.77 |
| 650 | 200 | 150 | 2.74 | 0.65 | 71.46 | 46.15 |
| 650 | 200 | 225 | 4.12 | 0.97 | 71.46 | 69.23 |
| 600 | 200 | 100 | 1.72 | 0.41 | 77.42 | 31.37 |
| 600 | 200 | 150 | 2.58 | 0.61 | 77.42 | 47.06 |
| 600 | 200 | 225 | 3.88 | 0.91 | 77.42 | 70.59 |

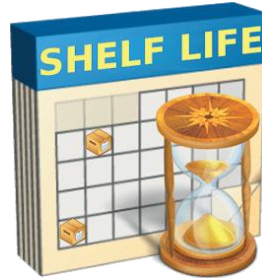


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Storage and Shelf life :-

6 months from manufacture in original unopened bags if stored in dry conditions.



Safety Precautions :-

MCON BLOCK MORTAR is a cementitious alkaline product. Care should be taken to avoid contact with eyes, skin, mouth and food stuff. Any splashes on the human body must be washed with plenty of water.



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems is certified as an ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

Address : Venus Enterprises, Raj Sunderam , Shiv Vallabh Road, Near Maruti Nagar, Ashokvan, Dahisar (E), M-68

Call us : +91 9322226109/ 08657642713 / 022- 28488467

Email id : venus_enterprises04@yahoo.com

Website : www.venusentprs.com

