



# RAZON

## MASTER MORTAR - 101B

Mortar Master – 101 is a highly efficient admixture, a very powerful water reducer plasticizer and waterproofing compound developed specially for use in cement mortars containing manufactured (crushed basalt) sand, or washed silica sand.

Manufactured sand is available easily, and economical as compared to depleting natural sand.

Due to the distribution of coarse and fines in manufactured sand, it is observed that the water content of cement mortars is compromised for workability.

Master Mortar 101 is developed specially to retain the workability of such mortars without the necessity of re-tempering with water. This ensures a dense, cohesive, durable, high strength cement-sand matrix.

Master Mortar 101 has shown tremendous increase in the bond strength between the cement mortar applied and the concrete/ masonry substrate as compared to conventional mortars without additive.

Master Mortar 101 tends to improve the impermeability of cement sand mortar, and practically eliminates the possibility cracking in the mortar. This property plays ideal deciding factor for machans + ghotai works, IPCC & brick bat waterproofing mortars etc.

Master Mortar 101 plays the dual role of plasticizer + integral waterproofing.

**Dosage:** 500 ml – 1 ltr per 50 kg cement. Mix dry cement + sand as usual, add about 75-80 % water and mix to uniform consistency. Add Master Mortar 101 to the balance water which can be charged to the mortar for good dispersion in the mix.

**Applications:** Master Mortar 101 is ideal for all cement - sand mortars, where the sand may be of a natural source, crushed from basalt, or washed silica.

It is ideally used for cement + crushed sand mortars in masonry, machan + ghotai, IPCC or brick bat waterproofing mortars, screeds in basements, swimming pools etc

NO	PRODUCT DATA	
1	Colour	Brownish Black Liquid
2	Specific Gravity	1.05
3	pH	7 +
4	Dosage	500 ml- 1000 ml per 50 kg cement
5	Packing	5 Ltr, 50 Ltr, 200 Ltr.
6	Storage/life	1 years, store in cool & dry place.
7	Toxicity & Corrosivity	Nil
11	Cement Compatibility	OPC & PPC



## RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001:2008 ACCREDITED MANUFACTURER



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