



## RAZON ENGINEERING COMPANY PRIVATE LIMITED

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### AN ISO 9001-2008 COMPANY MASTER PLASTER MP CS – 102

Master Plaster MP CS – 102 is a highly efficient plaster admixture. It is a polymer combining powerful plasticizer, powerful waterproofing ingredient, powerful binder, anchoring agent and a very powerful hygroscopic component.

Crush sand is commonly used for concreting & brick masonry but never used for plastering. Crush sand exhibits very high rebound; it is very difficult to work with particularly for plastering. However it is very cheap and available in abundance. Adding Master Plaster MP CS – 102, 300-500 ml per bag of cement, crushed sand can be easily used for plastering. It exhibits excellent finish.

It can be used on light weight block masonry, red brick masonry, fly ash blocks masonry, concrete block masonry or RCC surfaces. Hygroscopic component in Master Plaster MP CS – 102 ensures that sufficient moisture is available for cement hydration, for initial period of 12 hours immediately after plastering hence permitting complete and sound hydration of cement mortar, leading to firm, tough, adherent and waterproof plaster. Hence no shrinkage cracks are seen after initial 24 hours, which generally appear due to very rapid moisture loss.

Dosage of 300 ml to 500 ml of our Master Plaster MP CS – 102 in plaster mortar ensures following **advantages:**

1. Improved anchoring properties.
2. Throw back or rebound material is reduced, hence improved economy & greater mason output.
3. The plaster is waterproof.

#### **Packing:**

Available in 5 Ltr, 50 Ltr drums and 200 Ltr barrels.

4. Early setting, after open time, hence sufficient strength developed to counter stress leading to crack formation in the initial critical period of 24 hours.

5. Manual mixing ensures optimum advantage, mechanical mixing not required.

6. Not necessary to use dry cement in plastering, hence reduce plastering cost.

7. The plaster mortar exhibits good workability, hence higher mason output is observed.

8. Useful for ceiling plaster. Mix Master Plaster MP CS – 102 in cement slurry which is applied on ceiling to be plastered. Reduces throw back & reduces dry cement consumption, increase mason output, ensures high bond strength between plaster and base material matrix surface & good quality workmanship.

9. Hygroscopic component in Master Plaster MP CS – 102 retains moisture in plaster mortar ensuring complete hydration and hence ensures highest strength and highest toughness in plaster.

Master Plaster MP CS 102 may be used in masonry mortar which improves the cohesion of the mortar, and eliminates the need to re-fluidize the mortar with water

#### **Method of Use:**

Mix cement and sand as usual. Add Master Plaster MP CS – 102 to the gauging water and add this to the mortar. Mix thoroughly. Use this mortar as usual. Use Master Plaster MP CS – 102 for external plaster, internal plaster, ceiling plaster. Do not add Master Plaster MP CS 102 to sanla/lime plaster.

## Product Data:

No.	Property	Characteristic
1	Colour	Brownish Black Liquid
2	Specific Gravity	1.02
3	pH	7 – 8
4	Dosage	250 ml- 800 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	Nil
8	Corrosion	Nil
9	Application	For external, internal for ceiling plaster.
10	Advantages	Master Plaster MP CS 102 increases, plaster strength, makes plaster tougher, Eliminates cracking. Ensures plaster is moist/wet for 7/8 days & ensures optimum hydration.
11	Cement Compatibility	OPC or PPC, ideal for ceiling plaster, external plaster particularly for high rise building & large projects, external plaster, internal plaster

## OTHER PRODUCTS

- Admixtures for Ready Mix Concrete
- Masonry Jointing Mortars for AAC Blocks
- Mould release agents, oil/Water base
- Accelerators for rapid set concrete
- Glossy Lacquers for plain / colored concrete
- Concrete surface sealers and repellants
- Waterproofing system for skirting level dampness
- Sunk Slab & Terrace balcony Waterproofing
- Anti Efflorescence admixtures for concrete
- Polymeric waterproofer
- Podium water proofing systems
- Tile adhesives for internal & external applications
- Bonding agent for plaster & gypsum works
- Brilliant white primer for paint
- Tile adhesive for natural stone/slabs
- Tile cleaners, grouts and epoxies
- Admixtures for precast concrete
- Self Curing concrete admixtures
- Road/ Floor Marking Paints
- Curing Compounds for Plaster & Concrete
- Life time waterproofing of Level bathroom slabs, balconies
- Metal Clean & de-rusting agents



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