



BLOCK SETTM

Ready to Mix - Self Curing Mortar for
AAC Block Masonry



THIN BED JOINTING MORTAR



PRODUCT DESCRIPTION

MAP Block set is ready to mix - self curing cement based mortar. It is used for mounting and bonding aerated autoclaved concrete block. It is made of cement, graded sand and polymeric additives. This helps in providing a strong mechanical bond as well as excellent adhesion between the blocks.

SURFACE PREPARATION

- Pre-wet the blocks to be used for fixing.
- Thoroughly clean the surface to be mounted, of all damaging substance such as laitance, loose materials, oil greases, etc.
- Ensure that the surface is flat, structurally strong and free from any other contamination which could reduce the bond strength.
- Confirm that the surface is free of voids, holes and crack.

APPLICATION METHODOLOGY

- Apply MAP Block set uniformly on the surface.
- After the first unit has been placed, apply MAP Block set on both sides of the surface with a uniform thickness.
- Continue the mounting by checking line and level.
- Firmly press the block into MAP Block set to ensure a good initial bonding.
- Clean any excess material.

MIXING METHODOLOGY

- Measure out 3 parts of the MAP Block set powder to 1 part of water, by volume.
- Add the powder to the water steadily and mix it to a smooth, workable paste.
- Allow the paste to mature after mixing, by letting it stand for 2-3 minutes.
- Mix the paste once again before applying, to get a smooth and uniform blend.
- Do not attempt to extend the pot life by adding more water to the mix.

PRECAUTIONS DURING USAGE

- Though MAP Block set contains no toxic material, still care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or face, wash with plenty of clean water.
- Keep it in dry place and out of reach of children.
- Persons who are allergic to cement should take proper precautions before use.

KEY FEATURES

- Thinner jointing material with very high adhesion strength. Improves overall masonry strength.
- Pre-mixed and ready to use. Only water is to be mixed at site.
- Eliminates lengthy process of site mixing, transport and storage of all individual materials.
- No water curing is required after application.
- Easy to mix. Much faster to apply due to its superior flowability and water retention properties.
- Thinner layer of application for lesser shrinkage and seamless structure.
- Economical-quantity of mortar is far less than conventional mortar.
- Seepage / water percolation through joints is negligible due to better binding of mortar with masonry units.
- Ready for subsequent application like plastering just after 24 hours of application.
- Raking of joints is not required before plastering.
- Raw materials are processed, reducing the chances of efflorescence.
- MAP Block set is made from eco-friendly materials.

TECHNICAL PARAMETERS

Properties	Specifications
Appearance	Free flowing powder
Color	Grey
Water demand	25-30%
Workability	Very Good
Hard dry	24 hrs
Pot life	90 min
Self Curing	Yes. No additional water curing required
Tensile adhesion strength @ 28 days	> 0.5 N/Sq.mm
Compressive strength	> 12 N/Sq.mm

CONSUMPTION

For a 3mm bed thickness the coverage 3-5 kg/Sqm. The coverage will vary depending on surface conditions.

SHELF LIFE

6 months from the date of manufacturing, if in a sealed condition.

STORAGE

MAP Block set should be stored in dry place for better results.

PACK SIZE : 40 kg

Health and safety

MAP Block set is non toxic but alkaline in nature. Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. MAP Block set components are non flammable.

Note

These values were obtained during our laboratory tests. Site mixes may show slight differences in performance due to methods of application and site conditions.

Disclaimer

Information on this brochure is to be treated as guideline for usage. Users may advised to undertake a trial for product suitability prior to its full scale usage . There is no express or implied guaranty / warranty for the results . The company is not liable for any consequential damages.

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