

SUMERU MASONRY MASTER 100

Product Description:

Masonry master 100 is a ready to use single component cementitious polymer based non shrink self-curing water resistance for fixing AAC block, concrete blocks, fly ash bricks etc.

Areas of Application:

- It is recommended for masonry wall preparation by joining all types of AAC blocks, fly ash bricks, flatbed, concrete blocks etc.
- Can be used for repair, renovation fast masonry work.
- RCC to AAC joining work.

Features & benefits:

- No curing required
- Reduces crack and no shrinkage
- High polymer modified mortar gives consistent quality
- High tensile bonding strength
- Can be applied in thickness of 3 to 4 mm
- Single component, less material wastage
- Save water save time Eco friendly

Surface preparation:

Surface preparation and cleaning is as important as application. Surface should be cleaned and remove all dust, foreign materials, loose particles and free from voids and cracks oil and grease. Prewetting of substrates essentials with maximum saturation of water but saturated surface dry (S.S.D) condition.

Method of Application:

Take a bucket of water and add Sumeru masonry master 100 powder. It requires 8 to 10 liter water (17 to 20% for 40 kg bag). The mixer should be mixed using a low speed electric mixer (approx. 300 to 400 rpm) for 3 mins or until there aren't any lumps in the mixture. After short time mix it again top to bottom

Precautions:

- Do not mix Sumeru masonry master 100 with cement or other cementitious product.
- Do not add extra water or other ingredients.
- For best result only mix full bags.

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Technical Information:

Standards: ASTM C-1660-90 IS 4031 Part V:1988

Particular	Test values as per specifications
Appearance	Grey powder
Chemical base	Cementitious mortar modified with polymer
Bulk density	1.45 – 1.55 kg/Liter (at 27°C)
Pot life	90 minutes
Open time	10 – 15 minutes
Setting time	300 – 350 minutes
Compressive strength	> 8 N/mm ² at 28 days
Tensile adhesion strength	> 0.8 N/mm ² at 28 Days
Layer thickness	3 – 4 mm
Consumption	40 to 45 Kg/Mtr. ³ for AAC Block (at 3mm Thickness)

Packaging: 40 KG

Shelf Life: Best before 12 months if stored properly in undamaged and unopened original sealed packaging.

Storage Conditions: Store in a cool & dry place. Protect from direct sunlight and frost.

Health & Safety measures:

For more information and guidance of safety, storage and disposal of chemical products, customers should refer to the updated data sheet of the product which contains all the details of physical toxicological, ecological and other safety related data.

Important Notes:

The information and in particular, the recommendations relating to the application and endues of Sumeru products, are given in good faith based on Sumeru's current knowledge and experience. The user of the product must test product's suitability for the intended application and purpose. Sumeru reserves the right to change the properties of its products. Users must always refer to the most issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

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