

Technical Information

RENAFIX Cement Mortar Cementitious Mortar for bricks

Overview	A cementitious polymer modified adhesive designed for laying with a variety of Common Building Bricks
Key Features	<ul style="list-style-type: none"> ◆ Ready to use, Just add water. ◆ Easy mixing and application ◆ Quick and economical ◆ Formulated with locally sourced minerals ◆ Contribute to LEED points
Standards	◆ Renafix CM meet the standard requirements of IS: 3466-1988
Areas of Application	<ul style="list-style-type: none"> ◆ For Interior and exterior areas and when use with various bricks ◆ For fixing Common Burnt Clay Building Bricks, Sun-dried bricks, Concrete bricks, Lime bricks, Engineering bricks, Fly ash bricks, etc., ◆ Note: Contact Our Technical Services for recommendations.
Installation	<p>Preparation</p> <ul style="list-style-type: none"> ◆ All Substrates should be structurally sound, clean and free from any kinds of debonding agents, dust, grease, oils, paint, release agents, etc.. ◆ Clean the area and completely remove all the construction debris before the application. ◆ All tile and non-porous surfaces should be cleaned well with neutral water based cleaner followed by cleaning with water. <p>Mixing</p> <ul style="list-style-type: none"> ◆ Use clean, potable water for mixing ◆ Add Renafix CM to the clean water into the mixing pot. ◆ Use approximately 10 L of water for 50 kg of Powder. ◆ Use a slow speed mixer for mixing or mix it by hand. <p>Application</p> <ul style="list-style-type: none"> ◆ Always, Use an appropriate Standard notched trowel for application. ◆ Place the masonry blocks in the wet adhesive and adjust the blocks by using a plumb bob.
Limitations	<p>Substrate temperatures should not be less than 5°C</p> <p>Avoid application if the work area may be subject to the onset of rain or moving water.</p> <p>Do not part mix under any circumstances.</p> <p>All products should be used within the pot life.</p> <p>Materials not used within the specified time should be discarded.</p>

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Technical Data (typical values)	
General	
Bulk density (kg/m ³)	1300
Dry Solid Content	100
Application	
Mixing ratio	100 Parts of Renafix CM with 16 to 18 parts of water (by weight)
pH of the mix	13
Pot life	45 to 75 minutes
Application Temperature	5 to 40 °C
Performance (Renafix CM mixed with water)	
Parameters	Typical Values
Splitting Tensile Strength Test	
7 days	0.31 N/mm ²
28 days	0.45 N/mm ²
Compressive Strength	
1 day	0.5 N/mm ²
3 days	1.2 N/mm ²
7 days	3.1 N/mm ²
28 days	6.0 N/mm ²
Water Retention (in %)	65

Coverage A 50 kg bag covers approximately 12 to 15 m² (130 to 165 ft²) using a 6 mm x 6 mm square notched trowel for a bed of 3 mm.
Note: Coverage are approximate. For actual values, contact our marketing team.

Packaging & Shelf Life Renafix CM is available as 20 kg bags.
Colour: Grey
Has a shelf life of 6 months from the date of Manufacturing when stored in a dry, elevated area in the original unopened packaging

Warning! Keep out of reach of Children.
Product for Professional Use
Wear Suitable protective clothing, gloves while handling
For Clarifications and Usage related queries, Contact our Technical Services

Additional Information

India

Maldives

Technical Information

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Renacon



The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. All the above information must in every case be taken as merely indicative and subject to confirmation after long time application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 06.04.2023/V1