

REC PREMIX FM-247

Cement Based Fiber Reinforced High Quality Ready Mixed Mortar

PRODUCT DESCRIPTION

REC PREMIX FM-247 is a cement-based, fiber-reinforced, high-quality, ready-mixed mortar in powder form. **REC PREMIX FM-247** requires the addition of water on site. When **REC PREMIX FM-247** is mixed with water, it provides a high-quality, non-segregating mortar specially formulated to replace traditional sand/cement plastering mortar. It is ideal for interior and exterior applications, especially in coastal areas. **REC PREMIX FM-247** is manufactured from carefully selected raw materials, including a blend of Ordinary Portland Cement, selected well-graded, salt-free silica sand, additives, and fiber.

STANDARDS

REC PREMIX FM-247 is formulated to comply with the applicable Egyptian Standard.

ADVANTAGES

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality-control standards.
- Excellent mixing and application characteristics.
- The simplicity of usage and application provides very high productivity rates.
- Excellent resistance to extreme weather conditions.
- Designed for trowel application on vertical and overhead surfaces.

CHARACTERISTICS

Property	Description
Base	Ordinary Portland Cement, well-graded salt-free silica sand, additives, and fiber
Powder Density	Approx. 1.6 kg/L

INSTRUCTIONS FOR USE

SURFACE PREPARATION

All surfaces should be in good and strong condition. All surfaces should also be clean and free from any loose particles, dust, oil, grease, curing agents, paint, or any other foreign materials that may affect adhesion. If the surface is dry, particularly in hot weather, pre-wet the surface prior to application of **REC PREMIX FM-247** without leaving excess water. A spatter-dash slurry coat should be applied as a key coat for improved bonding and adhesion of subsequent layers. A few hours before the application of **REC PREMIX FM-247**, dampen the spatter-dash coat with clean water.

PRODUCT PREPARATION

Approximately 6.25 ± 0.25 liters of water should be added per 40 kg bag. The entire contents of the bag should be mixed with water in one container using a hand drill equipped with a mixing blade or a revolving drum mixer. Small quantities may be mixed manually using a trowel or other suitable hand-mixing tools. Add 6.25 liters of fresh, cool, clean water to a deep container, then gradually add the contents of the 40 kg bag while mixing until the mixture is uniform and free of lumps.

PRODUCT APPLICATION

REC PREMIX FM-247 should be immediately applied to the surface to be plastered while the mortar is fresh and workable. Apply **REC PREMIX FM-247** to the prepared surface using conventional hand application. **REC PREMIX FM-247** requires adequate curing, and damp curing is the recommended curing method. Finish the surface with a wooden or steel float as required, and allow the product to set properly on the surface before commencing curing. If a greater thickness is required, the application should be carried out in two layers. The first layer should be

roughened and then cured. The second layer should be applied at least 48 hours after the first layer and should then be cured with water for 3 days, approximately 3 times per day.

NOTE: Protect the newly applied plaster from sunshine and wind.

COVERAGE RATE

Approximately 17 kg/m² at 1 cm thickness.

Coverage may vary depending on substrate condition, surface profile, application method, and wastage.

STORAGE

Store in a dry, covered area, protected from moisture and direct exposure to weather conditions.

Shelf Life: 12 months from the date of manufacture when stored under the recommended conditions.

SAFETY PRECAUTIONS

Appropriate personal protective equipment, including gloves, a dust mask, and safety goggles, should be worn while handling and applying the product. Avoid inhalation of dust and contact with skin and eyes. In case of contact with skin or eyes, wash thoroughly with clean water. In case of prolonged irritation or discomfort, seek medical advice.

QUALITY STATEMENT

All our products are manufactured to comply with our internal quality management system to ensure consistency and quality.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use. This Data Sheet version is the latest one. The company may modify it without any prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's head office located in Lahore.

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