

REC PREMIX FM-252

Lightweight acoustic and thermal insulating plaster

PRODUCT

Rec Premix FM-252 is a dry mortar made of special hemi-hydrated gypsum perlite binders and specific additives to enhance workability and adhesion. It has good thermal and acoustic insulating and fire resistance properties.

SUITABLE SUBSTRATES

- Fair faced concrete
- Masonry blocks
- Old cement based plaster

SCOPE OF USE

Rec Premix FM- 252 is an ideal underlayment for paint, decorative gypsum plaster and wallpaper. It can be applied internally in all areas with normal humidity, on smoothened or pre-casted concrete surfaces. **Rec Premix FM- 252** is applied internally on walls and ceilings for sound and thermal insulation in premises.

ADVANTAGES

- One coat application with enhanced workability.
- Easy application.
- Enables high productivity and superior finishing.
- Sound absorption.
- Thermal insulation.
- Smooth finish.

CHARACTERISTICS

Composition	Gypsum, well graded sand, special additives aggregates and perlite
Appearance	Off-white powder
Size of aggregates	0 - 1.5 mm
Setting time	2hrs 30mins depending on site conditions.
Pot life	Around 30 mins
Wet density	1.4 +/- 0.1
Dry density	1.1 +/- 0.1
Bulk density	0.9 +/- 0.1
Water to powder	12 -15 L to 40 kg
Resistance to fire as per NS-EN 13279-1:2008	Class A1

INSTRUCTIONS FOR USE

SURFACE PREPARATION

Substrate must be sound, clean, dust free and free from all traces of oil and laitance. Cement based substrates should be dampened 3 hours before application. In hot weather, dampen masonry block substrate 10 minutes before application.

For application over smooth and high absorbent concrete, it is recommended to prime the substrate with **Rec Premix FM-252**.

PRODUCT PREPARATION

The mixing can be done by using a drill or drum mixer, by mixing a 40 Kg bag with 12 – 15 liters of clean cool water in order to obtain a homogeneous paste. The mixing can also be done automatically using a spray plaster machine.

PRODUCT APPLICATION

The product may be applied manually or by using a plastering machine. Each layer should not exceed 1.5 cm. Once applied on the surface, the product must be leveled and smoothened out with a ruler and a steel trowel. To finish the surface, wait till the product begins to thicken and smoothen the surface with an american trowel. Ideal application temperature is between + 5°C and + 35°C.

If the required thickness is more than 1.5 cm, in this case application should be done in several layers. The first layer must be roughened. The second layer is to be applied only after the 1st layer starts its setting. If the gypsum plaster surface will dry up, the surface must be primed with **Rec Premix 200 Prime** prior to leveling.

CURING

Rec Premix FM-252 should not be under any circumstance water cured.

CONSUMPTION

Theoretically 1 kg / m² per 1 mm thickness depending on mixing and site conditions.

STORAGE

Store for 1 year after manufacturing date, in its original packaging, non open and in dry area.

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, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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