

PLASTOMIX G100

Gypsum Based Fine Plaster

Description:

PLASTOMIX G100 is a gypsum based polymer enhanced plaster, modified with additives and special synthetic resins to increase workability and adhesion characteristics of applied layer.

Applications:

PLASTOMIX G100 is used for internal use as a smooth thin finish layer over plasterboard, thermo-acoustic insulating panels, concrete panels, and other systems where thin, highly smooth gypsum layer is required.

Advantages:

- Easy to mix and apply, just add water.
- Ideal for internal application.
- Non-shrink mortar.
- Good strength and high adhesion.
- Fast curing.

Instructions for Use:

Surface Preparation:

The substrate should be free from loose particles, dust, dirt, grease, oil, curing agents or paint. Absorbent and porous substrates should be moistened with water prior to the application of PLASTOMIX G100. Allow the water to evaporate before applying the product.

Mixing:

PLASTOMIX G100 consumes good amount of water. To prepare the mixture, pour 19 liters of clean water into a container and add 50 kg bag of PLASTOMIX G100, then mix with a slow speed drill machine fitted with a suitable paddle, until a homogeneous paste free from lumps is obtained. It may need to modify the mixing water content according to sign conditions. Mixture remains workable for 40 minutes after mixing at 25°C.

Application:

PLASTOMIX G100 can be applied manually with a clean fine metallic trowel or by using spray machine direct after wetting the surface. Apply one coat of

the mix with a thickness up to 10mm. After application and levelling of the material, smooth the applied plaster manually by using a damp steel trowel. PLASTOMIX G100 applied coat does not require curing. Consequent top finishing coat, such as painting, wall paper, etc., should not be applied until the applied mix is totally dry.

Do not apply PLASTOMIX G100 in rainy weather or when humidity is very high. Working area should be protected from direct sun light and high weather temperature.

Standards:

PLASTOMIX G100 conforms to:

- ASTM 387, 28, 207 Type N
- BS 5492, 1191, 890, 1015

TECHNICAL PROPERTIES	
Appearance	: Off White Powder
Wet Density	: 1.40 (kg/m ³)
Workability Time	: 50 minutes @ 25°C
Aggregate Size	: Up to 2.0 mm
Compressive Strength	: 4.5 N/mm ² @28 days
Flexural Strength	: 1.0 N/mm ² @ 28 days
Thickness	: Up to 10 mm
Pot life time	: 40 minutes at 25°C
Temp. of application	: +5°C to +40°C
Harmfulness CEE 88/379	: No

Packaging:

PLASTOMIX G100 is available in 50 kg recyclable bags.

Coverage:

PLASTOMIX G100 will require 14.0 kg to cover 1.0 square meter @ 10 mm thickness.

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Storage Conditions:

Store in dry and covered area away from direct sunlight. Keep material protected from rainfall and avoid excess compaction.

Shelf Life:

Shelf life is 12 months in original unopened bag when the above conditions are met.

Cleaning:

Clean with water product dries.

Health and Safety:

- Use goggles and gloves during application. Do not breathe dust of product.
- Avoid contact with eyes or skin.
- In case of eye contact, flush thoroughly with plenty of water and seek immediate medical help.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

