

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. It is formulated for interior plastering work to give smooth good finished surface. It is composed of gypsum, graded aggregate, polymer microfiber and chemical additives to give, when mixed with water, high workable homogeneous, good adhesion mix.

Uses:

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 13.2-13.5 liters of clean water into a container and add 40 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 of 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:

- ASTM C387, ASTM C28, ASTM C207 Type N
- BS 5492, BS 1191, BS 890, BS 1015

TECHNICAL PROPERTIES	
Appearance	Off White Powder
Wet Density	1.45 ± 0.03 kg/lit
Pot life time at 25°C	40 minutes
Temp. of application	+5°C to +40°C
Workability Time@ 25°C	50 minutes
Thickness	Up to 10 mm
Aggregate Size	Up to 2.0 mm
Compressive Strength@28 days	4.5 N/mm ²
Flexural Strength@ 28 days	1.0 N/mm ²
Harmfulness CEE 88/379	No

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

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Coverage:

PLASTOMIX G100 will require 14.50 kg to cover 1.0 square meter @ 10 mm thickness.

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

PLASTOMIX G100 is available in 40 kg recyclable paper bags.

Storage Conditions:

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

Shelf Life:

PLASTOMIX G100 can be utilized within 12 months of production date if stored in proper conditions in an unopened original packing.

Cleaning:

Clean used tools with water before product dries. Hardened material can only be removed mechanically.

Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapour or spray mist.

FIRST AID:

- Eyes: In the event of accidental splashes, flush with warm water and seek medical advice.
- Skin: Wash skin thoroughly with soap and water
- Inhalation: Remove to fresh air, keep patient rested
- Ingestion: Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to PLASTOMIX G100 Material Safety Data Sheet.

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