

PLASTERM EX-G Thermal Insulation Plaster

Product description

PLASTERM EX-G is an ecological insulation plaster that provides heat, water, sound and fire insulation, supported by natural raw materials.

Scope of application

It can perfectly fasten on exterior and interior surfaces on column and beam, rough thick plaster, aerated concrete, gypsum pan, brut concrete and painted surfaces

Benefits

-Class A1 Fireproof , -High Thermal Insulation Value, -Sound Dampening, -Water Mix Only, -Easy Application
-Environmentally Friendly, -It is composed of inorganic and natural material, -high durability - Also, Breathing feature prevents sweating

Surface preparation

Dust and dirt areas, layers separated from the surfaces like paint, lime, hollow plaster must be cleaned. If there is any cracked and hollow surfaces, they must be cleaned, they must be flattened by filling with a repair mortar. On painting surfaces, it can be directly applied after forming a serrated surface by drawing with nibbling method.

Preparation of plaster

Firstly, You should put 14,5-16 lt water. Later, you can put 20 kg plasterm. Mortarboard have to be clean. You should use 500-600 speed Mixer for homogeneous mixture. plasterm is prepared by mixing with a mixer for 4-5 minutes.

Application temperature

Plasterm in the application environment temperature +5 °C , +35°C.

NOTE: if the temperature is more than 35 degrees, the surface to be treated should be diluted and after the first application, two applications should be done after the surface has been diluted.

Application

The wall surfaces to be applied should be cleaned and if there are defects on the surfaces, these defects should be removed. Anos are mounted at regular intervals on the building surface. The previously prepared material is filled with steel trowel or plastering machine between the anodes. Then, the plaster is taken to the anolar condition by correcting the plaster with excess gauge. With a steel trowel, the surface is given a decorative texture or a smooth appearance.

NOTE: if the application area is very large on the concrete and gross concrete surfaces, the use of the net is eliminated.
Note: columns , beams , window and door edges and columns ; before appication surface should ve plastered by quality adhesive(cement based) with plaster mesh (use mesh its important shaking and building shaking , over time, there is a slippage of buildings to the ground)

Note:The surface should be washed with pressurized water before application

Note:The material will be protection by decoratif plaster and silicone paint

Note:In new buildings,there may be some ground settlement related to the ground stracture i which may cause fine cracks at the joint, fort his we recommend applying mesh to the joints and application columns and beams shoul be with mesh.

Storage conditions

+5 ° C and above in dry environment without contact with water.

Packaging

20 kg kraft paper bags.

Shelf life

12 months in dry and rubless language.

TECHNICAL SPECIFICATIONS

EN 998-1 (T,A1,CSII,FP:B,W1,T1)

Appearance: White

Dry Density: $470 \pm 100 \text{ kg/m}^3$

Thermal Conductivity: T1 , $<0.10 \text{ W/mK}$

Compressive Strength: CSII $\geq 1.50 \text{ N/mm}^2$

Bond Strength: $> 0,10 \text{ N/mm}^2$

Water Absorption: $W1 \leq 0,50 \text{ kg/ m}^2 \text{ min } 0.5$

Vapor Diffusion: $\leq 15\mu$

Fire Resistance: CLASS A1; FIREPROOF

Readiness Time to Paint: 48 Hours at appropriate ambient

Application Temperature Range: (+5°C) - (+35°C)

Pot Life: 3-4 hour

Dry Time: First dry 12 hour , last dry 48 hour , test dry 28 day

Note: Application between coats 12 hours

Mixing Ratio: 14,5-16,0 lt water / 20 kg powder

Application Type: Manually or with Machine

Storage Time: 12 month (at appropriate ambient)

Consumption :

(for 1 cm Thickness) : $4,50\text{-}5,00\text{kg / m}^2$ (for 1,0cm thickness) $\pm 5\%$

HEALTH AND SAFETY INFORMATION

Refer to the instructions specified in the harmfulness and precautionary statements on the product packaging. Product of the safety data sheet should be treated by the rules. Refer to the nearest health facility for unexpected health problems.

Plasterm is a brand of momentum

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