



PRIMECOAT

Manual Plaster with Perlite

Product Data and Submittal Sheet

Description

- **PRIMECOAT** is a gypsum-based, specially formulated ready-to-use bagged plaster that can be applied directly to brick, concrete, aerated concrete, etc.
- Its long workability time enables an easy application with a low waste rate.
- **PRIMECOAT** does not slump while setting on the surfaces to which it is applied.
- It has high strength, surface hardness and adherence.
- Because it is a breathable material, by regulating humidity **PRIMECOAT** leads to a healthier environment.
- It is a non-combustible material. The water in its structure helps retard fire.
- It does not cause mould, bacterial or fungal growth.

Method Of Application

- Before application, clean off all dust and dirt as it may cause poor bonding.
- Add 6-6,5 L water to a clean bowl. And add 10 kg **PRIMECOAT** slowly until it covers the water surface. Wait a few minutes, then mix until a lump-free, dough-like mortar is achieved. After mixing, the mortar is ready to use. The mortar in the bowl can be used for approximately 1 hour.
- To apply, use a straight-edge profiled plastering trowel and a steel spatula. Scrape off any residues after they set.
- **PRIMECOAT** can be applied as a single layer 5-40 mm thick onto brick, concrete and aerated-concrete wall surfaces; and 5-20 mm mm thick onto ceilings and exposed concrete surfaces.

Recommendations

- Never mix **PRIMECOAT** with any other product or material (except **TOPCOAT**).
- Use a low-speed mechanical mixer.
- Do not apply **PRIMECOAT** in layers less than 5 mm thick.
- Do not add any water or plaster to the mortar after mixing.
- Do not use **PRIMECOAT** in temperatures below + 5°C.
- Dry and hot surfaces should be dampened before application.

Storage Conditions

- Bags must be stored in a dry place and should not be stacked more than 20 high.
- Do not allow bags to be in contact with the ground or with moisture.
- Use **PRIMECOAT** within 9 months of the date of manufacture. Poor storage conditions or exceeding the shelf-life may cause the physical properties of **PRIMECOAT** to deteriorate.

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Standard

Reference standard	TS EN 13279-1
Type	B4/20/2 Light Weight Gypsum Building Plaster

Technical Specification

Water / Plaster ratio	~ 6,5 lt water to 10 kg PRIMECOAT
Setting time starts	> 20 minutes (according to TS EN 13279-1)
Workability	~ 60 minutes
Final setting time	~ 150 minutes
Coverage	~ 8,5 kg/m ² for each 1 cm thickness
Compressive strength (minimum)	≥ 20 kgf/cm ² (4x4 block)
Flexural strength (minimum)	≥ 10 kgf/cm ² (4x4x16 block)
Adhesive strength on substrate	≥ 0,1 N/mm ²
Bulk density (powder)	~ 750 kg/m ³
Dry density	~ 950 kg/m ³
Thermal conductivity	0,34 W / mK (According to TS EN 13279-1)
Reaction to fire	A1

Packaging

Type	Polypropylene laminated bags
Net weight	35 kg ±%2