

21/07/2021

TECHNICAL DATA SHEET

MATERIA PRO ORGANIC



Materia Pro Organic is a product formed of special marble powders of different granulometries, grassello di calce and additives that give the product excellent grip on any support.

Materia Pro Organic is a mineral leveling product, highly breathable for indoor and outdoor use, especially suitable for obtaining satin-finished surfaces.

USE

Materia Pro Organic it can be used on any support, both indoor and outdoor. The adherence is very good without any inconvenient.

Thanks to its special mineral components it has got an excellent resistance to humidity and ageing, a good breathability and water resistance.

PREPARATION

Mix the paste well with the help of a mixer drill, without adding any water.

BASE PREPARATION AND APPLICATION CYCLES

After the base preparation apply **Materia Pro Organic**. Use a steel trowel by spreading smoothly as it was a plaster, making 2 mm depths.

After at least 24 hours apply the second layer using a trowel and after make the desired design. As the product it begins dries, smooth the surface.

If the weather is hot or in case of wide dimensions of the facade, wet the product with a water spray. If the application is outdoor, during very humid days, protect the wall for at least 3 days.

Indoors, to obtain more protection and shine, it can be treated with transparent **Materia Pro Cera Protect**.

TECHNICAL DATA

Specific weight: 1.750 kg/l

Granulometry: 0,7 mm

Consumption: about 1,6-1,9 kg/m² when finished.

Water vapor Diffusion: 745 g/m² in 24 hours

Resistance Factor to vapor diffusion: $\mu = 150$

Air equivalent layer: $S_d = \mu \cdot s = 0.03 \text{ m}$ (calculated with $s = 0.2 \cdot 10^{-3} \text{ m}$)

Coefficient of water absorption: $w = 0.25 \text{ kg (m}^2 \cdot \text{h}^{1/2}\text{)}$. — $S_d \cdot w = 0.0075 \text{ kg (m} \cdot \text{h}^{1/2}\text{)}$.

Respects the theory by Kuenzle.

WARNINGS

Avoid the application with temperatures lower than +5 °C and relative humidity higher than 75%.

Avoid the application in the coldest months.

Before applying **Materia Pro Organic**, verify the mechanical resistance and the mortar adherence to the base plaster. If these resistances are not good enough, there might be a detachment of the plaster's thin mortar.

Facades coated with **Materia Pro Organic**, during the lay-up and the following days, must be protected from rain otherwise white spots may show up.

SUPPLY

Cans: 25 kg – 6 kg

PRESERVATION

Preserve the product in right places. If stocked inside the original can it lasts 1year.

QUALITY

Materia Pro Organic is constantly and properly checked. The raw materials used are strictly selected and checked.



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