

UNOFIN CLASSIC SMOOTH

Dry plastering mortar for very smooth finish



DESCRIPTION

Dry mortar to finish as a thin coat on existing renders. Rainwater-proof and permeable to water vapour.

TECHNICAL CHARACTERISTICS

Product based on high resistance cement, selected aggregates, and other additives.

ADVANTAGES AND USES

- To be applied indoors and outdoors.
- Excellent adherence.
- Waterproof cladding.
- Permeable to water vapour, allowing the substrate to breathe.
- Very flat finishes.
- Its high plasticity allows an easy application.

SUITABLE SUBSTRATES

- Renders of cementitious mortars.
- Manual or mechanical application. Between 5 to 10 mm application thickness
- The substrate must be resistant, stable, healthy and clean, free of dust, remnants of release agents, organic products, etc.
- The compatibility of the resistance of the substrate with that of the mortar to be used must be taken into account
- In case of hot or windy weather conditions or when applying over absorbent substrates, it is advisable to wet the substrate and wait till the thin layer of water disappears.
- Do not apply on gypsum or on paint.

APPLICATION PROCEDURE

MECHANICAL APPLICATION

- Fix the optimum proportion water/mortar according to the chosen pump (section and hose length) and external weather conditions. Start with 20% proportion and modify it gradually until you achieve the appropriate consistency.
- It is important to maintain the same variables affecting the features of the applied mortar (distance to the wall, angle of application and water proportion).

MANUAL APPLICATION

- Add water and mix by hand or mechanically until it takes on an even and workable consistency.
- It is advisable to apply a well compacted first hand of 2 or 3 mm to seal the substrate, then spread the rest of the material
- Spread the mixed product over the substrate with the use of a trowel.
- Let it rest for the corresponding amount of time and then trowel or smooth the area according to the finish wanted.

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RECOMMENDATIONS

- Do not apply below 5°C nor above 30°C. In case of heavy heat, wind, or very absorbent substrates, it is advisable to moisten the substrate and wait until the water film is totally absorbed.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- An excess of water may increase shrinkage and reduce mechanical resistance.
- Maximum application thickness of 5 mm; for a thickness greater to 5 mm it is recommended to apply the product in two coats. The minimum final thickness of a coating mortar must be at least 10 mm to ensure impermeability to rainwater depending on the components of the system on which it is applied.
- Because of the change in raw materials, the shades of the coloured mortars may vary slightly by batch
- The cladding must be interrupted at the level of the structural joints.
- It is not advisable to apply on horizontal or sloped surfaces.
- The application of render with different thicknesses (on joints with faulty seals or with excessive thickness) may cause visible imperfections, colour differences and cracks in the render.
- Due to the textured effect, the product may not always appear to have an homogeneous colour.
- Zoning constitutes the guidelines of the plaster application; they facilitate application being the reference to achieve the desired thickness and eliminate joints.
- Protect the starting point of the plaster from capillary humidity placing a plinth at the base of the wall. In exterior claddings, it is necessary to crown the cladding with an aileron or cushion system, rain awning or gutter to protect it from the rain.
- Cleaning parapets and surfaces of cornices at least once a year.
- Cleaning the wall using pressurized water with neutral soap when the wall presents a significant degree of dirtiness due to pollution and the level of aesthetic deterioration advises it.
- In highly contaminated areas, this operation may be required every two to three years.
- The mortar is a finishing coat for façades so it must be applied at the end of the constructive process, following the required previous applications and protections.
- Its application should be performed properly so no significant repairs or restoration work have to be performed as a result of any possible damages that may arise.
- Carry out a good joint design, foreseeing expansion joints, structural ones, as well as those others that could be necessary

CURING

- Between 5 and 30 °C, curing not required
- Between 30 and 35 °C, wetting the following day, 2 times per day.
- Between 35 and 45 °C, wetting the following 72 hours, 2 times per day.

25 kg plastic-lined paper bags.

Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

PACKAGING AND STORAGE

TECHNICAL DATA

(Statistical data obtained under standard conditions)	
Aspect	WHITE or GREY powder
Water vapour permeability	$\leq \mu 15$
Adhesion	$\geq 0,3 \text{ N/mm}^2$
UNE-EN 998-1 Classification	GP CSIV W2
Approximate yield	8 Kg/m ² per 0,5 cm of thickness

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