



MACHINE PLASTER 501

Machine-applied, cement-lime plaster

Areas of application: Intended for machine-spray execution of cement-lime plaster layers on indoor and outdoor surfaces.
Suitable for executing plaster layers under paints and noble plasters on ceramic, autoclaved aerated concrete, lime-sandstone, concrete and other surfaces.

- Properties:**
- Waterproof
 - Frost-resistant
 - High mechanic durability
 - Easy to process
 - Good adhesion
 - Universal
 - Vapor-permeable

Application procedure:



Technical data	
Item no.	9962
Packaging type	
Quantity per unit	30 kg/unit
Unit per pallet	40 unit/Pal.
Colour	Grey
Granulation	0 - 1.4 mm
Consumption	1.3 kg/m ² /mm
Application time	approx. 180 min
Layer thickness	5 - 20 mm
Soluble chromium VI content	≤ 0.0002 % (2ppm)
Amount of water required	approx. 6.9 l/bag
Thermal conductivity λ10,dry	< 0.61 W/mK
Reaction to fire	A1
Mortar class (EN 998-2)	CS III
Adhesion to (Concrete)	≥ 0.2 N/mm ²

The product conforms to: • EN 998-1

- Material base:**
- Portland cement
 - Hydrated lime
 - Quartz aggregate
 - Additives

Surface: The groundwork must be cleaned and properly prepared.
It is recommended to check the moisture content of the substrate before plastering.

Types of substrate:

Bricks and ceramic CMUs: depending on the needs, prime GRUNTOBET 310 or make RENDERING 550

Concrete, reinforced concrete: depending on the needs, prime GRUNTOBET 310 or make RENDERING 550

Autoclaved aerated concrete elements: Prime with GRUNTOBET 310

Silicate blocks: Depending on absorptivity - prime with GRUNTOLIT-W 301 or GRUNTEM KONTAKTOWYM 307.



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Preparation:	The dry mix should be made with an appropriate amount of clean, cool water by mixing in a plastering machine or mechanically using a mortar mixer or concrete mixer. The time of mechanical mixing should be 2-3 minutes. If necessary, depending on the conditions, slightly adjust the amount of water added.
Application procedure:	Apply the mortar in an even layer on the entire plastered surface, maintaining a 5-15mm layer and even out with a long float. Final processing (scrubbing with a plastic long float, sponge or felt) can take place after the setting process has started. Protect against frost, precipitation, excessive temperatures during the execution of works and drying.
Application conditions:	Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. Plastering process shall be started after a period of settlement, shrinkage and desiccating of walls and concrete elements. Substrates suitable for plaster layers shall be durable, rigid, not susceptible to deformation nor have signs of moisture. In the case of concrete substrates, they shall be deprived of any anti-adhesive agents or oils used in formwork tasks.
Instructions:	if necessary, moisten the plaster with water from time to time When conducting works in adverse weather conditions, use special covers limiting the effects of external factors.
Storage:	Maximally 12 months Store in a dry place and protect against moisture.
General information:	This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.