

TECHNICAL DATA SHEET

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 number	9962
Packaging	
Quantity per unit	30 kg/unit
Unit per pallet	40 unit/Pal.
Grain size	0-1,4 mm
Colour	Grey
Consumption	1,3 kg/m ² /mm
Water requirement	approx. 6,9 L/unit
Reaction to fire	A1
Tensile adhesive strength	≥ 0,2 N/mm ²

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Item number	9962
Thermal conductivity	< 0,61 W/mK
Chromium content	≤ 0,0002 %
Mortar class	CS III EN 998-1
Coating thickness	5-20 mm
Processing time	180 min

Material base

- Hydrated lime
- Portland cement
- Additives
- Quartz additive

Application conditions

Apply in temperatures from +5 °C to +25 °C, these temperatures 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.

Surface

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

Bricks and ceramic CMUs: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550

Concrete, reinforced concrete: depending on requirements, prime with GRUNTOBET 310 or GRUNT DO BETONU 314 or apply OBRZUTKA 550

Autoclaved aerated concrete elements: Prime with GRUNTOBET 310

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

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. Do not mix hardened mortar with water or with fresh material.

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.

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.

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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.

All technical data listed in this product specification has been determined under laboratory conditions.