



## PLASTER 503SL

Machine-applied, cement-lime plaster, ultra-light

**Areas of application:** Intended for machine-spray execution of cement-lime, smooth plaster layers on indoor surfaces. Suitable for executing plaster layers under paints and noble plasters on ceramic, autoclaved aerated concrete, lime-sandstone, concrete and other surfaces. Also suitable for use as a single- or multi-layer plaster mortar.

**Properties:**

- Waterproof
- Ultra-light
- Efficient
- Smooth surface
- fine-grained

**Application procedure:**



Technical data	
Item no.	30792
Packaging type	
Quantity per unit	30 kg
Unit per pallet	40 Pcs/pallet
Colour	Grey
Granulation	0 - 0.5 mm
Consumption	1 kg/m <sup>2</sup> /mm
Application time	approx. 180 min
Layer thickness	5 - 25 mm
Soluble chromium VI content	≤ 0.0002 % (2ppm)
Amount of water required	approx. 8.2 l/bag
Thermal conductivity λ10,dry	< 0.45 W/mK
Mortar class (EN 998-2)	CS I

**The product conforms to:** • EN 998-1

**Material base:**

- Portland cement
- Hydrated lime
- Quartz aggregate
- Pearlite
- Additives

**Surface:** All groundworks must be cleaned and properly prepared. Very absorbent groundworks must be primed with GRUNTOBET 310. Apply OBRZYTKA CEMENTOWA 550 rendering coat on ceramic groundworks. 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
- Autoclaved aerated concrete elements:** Prime with GRUNTOBET 310
- Silicate blocks:** Prime with GRUNTOBET 310
- Concrete, reinforced concrete:** depending on the needs, prime GRUNTOBET 310 or make RENDERING 550



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<b>Preparation:</b>	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 the hardened grouting mixture again.
<b>Application procedure:</b>	Apply the mortar in an even layer on the entire plastered surface, maintaining a 5-25mm 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. In the case of applying several layers, apply the successive ones after the previous one has set (after c.a. 24h)
<b>Application conditions:</b>	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.
<b>Instructions:</b>	Ventilate the rooms during the execution of works, but protect the plaster against drafts causing excessive drying of the surface if necessary, moisten the plaster with water from time to time
<b>Storage:</b>	Maximally 12 months In dry areas and in non-damaged packaging
<b>General information:</b>	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 is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.