



MANUAL GYPSUM PLASTER 650

Areas of application: Intended for manual execution of gypsum, smooth, indoor plasters in rooms, in which air humidity does not exceed 70%.
Intended for manual execution of plaster mortars under paints or quality plasters on walls and ceilings made of autoclaved, aerated concrete, ceramic elements, lime-sandstone, concrete elements, etc.

- Properties:**
- Smooth surface
 - Easy to process
 - High grip
 - Flexible
 - Environmentally friendly

Application procedure:



Technical data	
Item no.	30003
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Pcs/pallet
Colour	White
Granulation	0 - 1.2 mm
Consumption	0.85 kg/m ² /mm
Application time	max. 120 min
Application time-Tip	from the first smoothing
Compressive strength	≥ 2 N/mm ²
Layer thickness	5 - 25 mm
Hardening time	approx. 10 days
Amount of water required	approx. 16.1 l/bag
Reaction to fire	A1

The product conforms to: • EN 13279-1

- Material base:**
- building plaster
 - Quartz aggregate
 - Hydrated lime
 - Additives

Surface: The groundwork must be cleaned and properly prepared.
The groundwork should be cleared of dust, soot, grease or any other anti-adhesion solutions reducing grip.
Connection points of various substrates, installation grooves and other areas exposed to structural cracks should be reinforced with fiberglass mesh. For gypsum plasters, it is recommended to reinforce with a plaster mesh (minimum mesh size - 7 mm). The minimum plaster thickness in this case is 15mm. The mesh blends to a depth of 1/3.
Apply anti-corrosive coating on all metal elements that contact the plaster.

Types of substrate:

Bricks and ceramic CMUs: prime with GRUNTOLIT-K 311 or GRUNTOLIT-SK 313, properly diluted

Concrete, reinforced concrete: Prime with GRUNTOBET 310

Autoclaved aerated concrete elements: prime with GRUNTOLIT-K 311 or GRUNTOLIT-SK 313, properly diluted

Silicate blocks: prime with GRUNTOLIT-K 311 or GRUNTOLIT-SK 313, properly diluted



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Preparation:	<p>Pour the dry mix gradually to a container with a sufficient amount of clean, cool water, mixing manually or using a low-speed mixer to produce homogenous, lump-free mass. Leave to mature for 5 minutes, and then mix again.</p> <p>If necessary, depending on the conditions, slightly adjust the amount of water added.</p> <p>Do not mix the hardened grouting mixture again.</p>
Application procedure:	<p>Apply the plaster in 8mm layers and immediately spread and level with an „H“ trowel. After initial leveling, use a trapezoid trowel to thoroughly level the layer.</p> <p>In the final phase of setting, soaked the plaster and rub it with a sponge trowel. After the sponged surface has matted, proceed to final polishing with a steel trowel.</p> <p>If a second plaster layer, a ceramic tile layer or a finishing coat layer is planned on the surface, coarsen the surface (e.g. scrape, cut a herringbone pattern) to improve adhesion.</p>
Application conditions:	<p>Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature.</p> <p>Proceed to applying the finishing coat after all walls and concrete elements have settled, compressed and dried up. A groundwork for finishing coat should be fixed, hard and non-deforming.</p>
Instructions:	<p>Ventilate the room after completing all works</p> <p>Ventilation of a room is particularly significant during works in cool seasons of the year so that the mortar will not harden in conditions of high air humidity. This may lead to damage of the plaster. You must prevent freezing the non-set or wet plaster, which will result in its peeling off or destruction. To accelerate drying time of plasters, you can use fans and heaters. Do not use gas heaters and do not use a stream of hot air directly on surface of the plaster.</p>
Storage:	<p>Up to 6 months from the date of manufacture, in dry areas and in non-damaged factory packaging.</p>
General information:	<p>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.</p> <p>All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.</p>