



EXPERT MACHINE GYPSUM-CEMENT PLASTER

HYBRYD 656

Machine applied gypsum-cement plaster

Areas of application: High-strength gypsum-cement machine plaster for single-layer interior plastering in rooms with a maximum humidity of 80%. It is a very good primer for paints, plaster and wallpaper, ceramic tiles. Suitable for machine or manual plastering of walls and ceilings made of aerated concrete blocks, silicates, ceramic or concrete elements.
The product is suitable for use in areas such as kitchens, bathrooms, staircases, hallways, living rooms, offices, garages and so on.

- Properties:**
- Smooth surface
 - Easy to process
 - White
 - Surface hardness 14 N/mm²
 - Waterproof
 - Very high durability

Application procedure:

Technical data		
Item no.	40296	40349
Packaging type		
Quantity per unit	30 kg	1,000 kg
Unit per pallet	40 Pcs/pallet	
Granulation	≤ 0.5 mm	
Consumption	approx. 1.3 kg/mm/m ²	
Application time	max. 220 min	
Compressive strength	≥ 6 N/mm ²	
Layer thickness	8 - 40 mm	
Hardening time	approx. 7 d	
Amount of water required	approx. 9 l/bag	
Reaction to fire	A1	
Adhesion to	≥ 0.5 N/mm ²	

The product conforms to: • EN 13279-1

- Material base:**
- Structural gypsum
 - Portland cement
 - Quartz aggregate
 - Modifying supplements

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. Mix manually or using a low-speed mixer to produce a homogeneous mass without lumps. Leave to mature for 5 minutes and mix again. The mass should be thick enough not to slide from a trowel when set at an angle.</p> <p>Way of using - machine-application: The dry mixture must be poured to a bin of mixing pump. Appropriately set the level of dosed water to obtain proper consistency of the mortar flowing out of the pump gun.</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>Plastering should be started after a period of settling, shrinkage and drying of walls and concrete elements. For concrete substrates, a seasoning of at least 8 weeks is assumed (for optimal conditions drying > +15 °C). Drying time for walls is min. 4 weeks. Substrates for plasters should be durable, stiff, non-deformable and have adequate humidity depending on the type of material (according to PN-B-10110: 2005).</p>
Instructions:	<p>Ventilate the room after completing all works</p> <p>The layer thickness on the ceiling should not exceed 15 mm.</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> <p>The layer thickness over the electric wires should be greater than 5 mm.</p>
Storage:	<p>Storage life: minimum 4 months according to directive 2003/53/EG at 20 °C, 65% r.h., date of production as indicated on 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>