



SAKRET HML-1 LIME PLASTER

28 02 2022

Lime plaster for renovation of buildings (strength class CS I in compliance with standard EN 998-1)

Application:

- Suitable for weak, porous surfaces as brick walls and plasters of old buildings.
- Can be used in new buildings for plastering bricks and various building blocks (aerated concrete, expanded clay concrete, ceramic blocks, etc.).
- Suitable for plastering the walls and ceilings of wooden buildings with reinforcement (wooden slats or reeds) deck, metal mesh, etc.
- Interior and exterior use.
- Typical application: renewal of plaster on buildings, built in Baltic states . from 18 . till 19. century.
- In case plaster is renewed in wooden buildings, it is obligatory to check suitability in each, separate construction object.
- To be applied manually or plaster machines.

Qualities:

- High water vapor permeability.
- It has microclimate regulating qualities.
- Nature friendly.

Components:

- Hydrated lime.
- Reinforcing fiber.
- Inert fillers.
- Technological additives.

Technical data:

Water amount to be added to:	25 kg	Approx. 6,0-6,5 l
Maturity time:	approx. 5 min.	
Application time:	approx. 2 hours	
Air and foundation temperature:	from +5°C till +25°C	
Maximum grain size:	till 1,0 mm	
From 25 kg dry mixture:	approx. 19 liters of mortar can be made	
Layer thickness:	from 3 till 12 mm	
Fire safety class:	A1 (non-flammable)	

Foundation's preparation:

- Foundation must be dry, firm and without cracks. Foundation must be cleaned off less enduring and/or detachable layers as well as off dust, dirt, oil, paint leftovers and other impurities that decrease adhesion.
- Especially dense and smooth surfaces shall be processed with abrasive material.
- Strongly absorbing mineral surfaces must be primed with primer **SAKRET BG** or concentrated primer, diluted with water **SAKRET UG**, in proportion 1:3.
- Loose foundations must be primed with deep primer **SAKRET TGW**.

Processing:

- Mix dry material in clean container with cold, clean water till homogeneous mixture of needed consistency, without lumps, is formed.
- The prepared mortar shall be kept for 5 minutes and mixed repeatedly.
- All works must be carried out observing the technology terms of plastering or repair of lime mortars!



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Additional recommendations for processing:	<ul style="list-style-type: none"> Material that has started to harden shall not be diluted with water! Plaster is not suitable for plastering of surfaces that are saturated with salts . In such cases restoration plasters must be used. Ready plaster can be painted with vapor permeable paints on mineral basis - SAKRET DP (lime) and SAKRET DPC (lime-cement), or paints on silicate basis SAKRET KS.
Consumption:	<ul style="list-style-type: none"> Approximately 13 kg/m² of dry mixture, if layer thickness is 10 mm.
Packing:	<ul style="list-style-type: none"> Paper bags 25 kg / full pallet 48 pcs.
Storage:	<ul style="list-style-type: none"> Packing must be kept away from impact of weather conditions , store on wooden pallets in cool and dry place, torn or opened packing must be covered immediately. Storage time in original, unopened packing – 12 months .
Utilization:	<ul style="list-style-type: none"> Hardened mixture shall be utilized in compliance with local legislation as construction material of mineral origin. Packing shall be utilized in compliance with local legislation demands as paper, laminated with polythene layer.
Safety information:	<ul style="list-style-type: none"> Contains lime, reacts on moisture in alkaline way! Safety signs are on packing and in safety data sheets.
Additional information:	<ul style="list-style-type: none"> During hardening phase SAKRET LC must be kept away of sun beams, draught, frost and too high temperature (>+25°C); Technical data refer to temperature +23±2°C and relative air humidity 50±5% ; Producer is indicated by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.

Color	Packing 1	Packing 2	Barcode
White	25 kg	48 pcs. / Pallet	4751006564275

The information provided in the technical data sheet refers to the usage of the above product, if there is no other technical documentation, prepared and issued by the producer. The producer is not responsible for losses caused by wrong usage of the given product. In case of questions or uncertainty, please contact producer or seller. Information on product's safety is available in safety data sheets, declared values – in declaration of performance.