



SAKRET HM10 – HISTORICAL PLASTER

28 02 2022

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

- Application:**
- Suitable for coverage of weak, porous foundations, such as masonry and plasters of old buildings.
 - For interior and exterior works.
 - For restoration of plaster of buildings, built in Baltic States from 18 till 19 century.
 - If the plaster is restored in wooden buildings, then it is mandatory to check the suitability of the material in each specific construction object.
 - If plastering of wooden houses is restored, it is obligatory to check material suitability in each separate construction object
 - Applicable manually or with plastering machine.

- Qualities:**
- High mechanical and climate resistance.
 - It has microclimate regulating qualities.
 - Nature friendly.

- Components:**
- Portland cement.
 - Hydrated lime.
 - Inert fillers.
 - Technological additives.

Technical data:	Water to be added for 25 kg	approximately 4,75-5,25 l
	Readiness time	approximately 5 minutes
	Processing time	approximately 2 hours
	Air and surface temperature:	from +5°C till +25°C
	Maximum grain size:	till 1,0 mm
	From 25 kg of dry mixture	approx. 18 liters mortar can be made
	Layer thickness	From 5 till 20 mm (one layer thickness from 5 till 12 mm)
	Fire safety class	A1 (nonflammable)

- Foundation preparation:**
- Surface must be dry, firm and without cracks. Surface 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 surfaces shall be primed with deep primer **SAKRET TGW**.

- Processing:**
- Mix dry material in clean container with clear, cold 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 cement mortars!

- Additional recommendations for application:**
- Material that has started to harden shall not be diluted with water!
 - Historical plaster is not suitable for plastering of such surfaces that are saturated with salinities. In such cases recovery 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:**
- Approximately 14,5 kg/m² of dry mixture, if layer thickness is 10 mm.

- Packing:**
- Paper bags 25 kg / full pallet 48 pcs.

TECHNICAL DATA SHEET



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- Storage:**
- 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, not opened packing – 12 months

- Utilization:**
- Utilize hardened mixture in compliance with local legislation as construction material of mineral origin.
 - Utilize packing in compliance with local legislation demands as paper, laminated with polythene layer.

- Safety information:**
- Contains cement, reacts on moisture in alkaline way!
 - Contains solvent, sixworthy chrome Cr (VI) ions $\leq 0,0002\%$.
 - Safety signs are on packing and in safety data sheets.

- Additional information:**
- During hardening phase material must be kept away of sun beams, draught, frost and too high temperature ($>+25^{\circ}\text{C}$);
 - Technical data refer to temperature $+23\pm 2^{\circ}\text{C}$ and relative air humidity $50\pm 5\%$
 - Producer is indicated by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.

Paint	Packing 1	Packing 2	Barcode
Grey	25 kg	48 pcs. / pallet	4751006563636

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.