

TECHNICAL DATA SHEET



SAKRET LM – LIGHT MORTAR

15 08 13

Light mortar (strength class M5, in compliance with the standard EN 998-2)

- Application:**
- Mortar for masonry of walls with light ceramic or expanded clay concrete blocks (for example, Keratem, Fibo), in case decreased thermal conductivity of grouts is needed.
 - For filling of different kinds of cavities, in case high material strength is not needed.
 - Can be applied manually or with mixer.

- Qualities:**
- High heat insulating qualities.
 - Grey colour.

- Components:**
- Portland cement.
 - Light fillers.
 - Inert fillers.
 - Technological additives.

Technical data:	Water to be added	20 kg	approx. 5,8-6,2 l
	Readiness time	approximately 3 minutes	
	Processing time	approximately 1 hour	
	Air and foundation temperature:	from +5°C till +25°C	
	Compressive strength after 28 days/nights	≥ 5N/mm ²	
	Maximum grain size:	till 5,0 mm	
	Thermal conductivity coefficient	0,216 W/mK	
	From 20 kg dry mixture	approximately 30-34 l of mortar can be made	
	Fire safety class	A1 (non-flammable)	

- Foundation preparation:**
- Blocks must be clean and dry.
 - Surface 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.

- Processing:**
- Mix dry material in clean container with cold, clear water till homogeneous mixture of needed consistency without lumps, is formed.
 - The prepared mortar shall be kept for 3 minutes and mixed repeatedly.

- Additional recommendations for processing:**
- All works shall be done observing the rules of cement mortar masonry and repair works technologies.
 - Material that has started to harden must not be diluted with water!

- Consumption:**
- Approximately 57 kg of dry mixture is needed for masonry of 1 m³ Keratem construction blocks

- Packing:**
- Paper bags 20 kg

- Storage:**
- Packing must be protected from impact of weather conditions, stored 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:**
- 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.

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Safety**information:**

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

Additional**information:**

- During hardening phase 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.

Colour	Packing 1	Packing 2	Barcode
Grey	20 kg	35 pcs. / pallet	4751006563926

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.