

# TECHNICAL DATA SHEET



## SAKRET PM SUPER – CEMENT LIME MORTAR

21 05 05

Cement mortar for masonry (strength class M5, in compliance with the standard EN 998-2) and plastering (strength class CS III, in compliance with standard EN 998-1)

- Application:**
- Cement-lime mortar for masonry of walls with bricks and blocks.
  - Cement-lime plaster for plastering of walls and ceiling.
  - For interior and exterior works.
  - Only for plastering of mineral surfaces.
  - Can be applied manually.

- Qualities:**
- High mechanical and climate resistance.
  - Grey or white colour.

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

<b>Technical data:</b>	Water to be added for 25 kg	12,5 kg	Approx. 1,95-2,15 l
		25 kg	Approx. 3,9-4,3 l
		40 kg	Approx. 6,3-6,9 l
	Readiness time	Approximately 3 minutes	
	Processing time	Approximately 2 hours	
	Air and surface temperature:	From +5°C till +25°C	
	Compressive strength after 28 days/nights	≥ 5 N/mm <sup>2</sup>	
	Maximum grain size:	Till 1,0 mm	
	From 25 kg dry mixture	approximately 16 l of mortar can be made	
	From 40 kg dry mixture	approximately 26 l of mortar can be made	
Fire safety class	A1 (non-flammable)		

- Foundation 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.
  - Especially dense and smooth surfaces shall be primed with quartz primer **SAKRET QG**.

- 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 regulations of cement mortar masonry and plastering or repair works technologies.
  - Material that has started to harden, must not be diluted with water!

- Consumption:**
- Approximately 16 kg/m<sup>2</sup> of dry mixture if layer thickness is 10 mm.

- Packing:**
- Paper bags 12, 5 kg / full pallet 96 pcs.
  - Paper bags 25 kg / full pallet 48 pcs.
  - Paper bags 40 kg / full pallet 36 pcs.

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<b>Storage:</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Storage time in original not opened packing – 12 months.</li></ul>
<b>Utilization:</b>	<ul style="list-style-type: none"><li>• Hardened mixture shall be utilized in compliance with local legislation as construction material of mineral origin.</li><li>• Packing shall be utilized in compliance with local legislation demands as paper, laminated with polythene layer.</li></ul>
<b>Safety information:</b>	<ul style="list-style-type: none"><li>• Contains cement, reacts on moisture in alkaline way!</li><li>• Contains solvent, six worthy chrome Cr (VI) ions <math>\leq 0,0002\%</math>.</li><li>• Safety signs are on packing and in safety data sheets.</li></ul>
<b>Additional information:</b>	<ul style="list-style-type: none"><li>• During hardening phase must be kept away of sun beams, draught, frost and too high temperature (<math>&gt;+25^{\circ}\text{C}</math>);</li><li>• Technical data refer to temperature <math>+23\pm 2^{\circ}\text{C}</math> and relative air humidity <math>50\pm 5\%</math>.</li><li>• Producer is indicated by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.</li></ul>

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Colour	Packing 1	Packing 2	Barcode
Grey	12,5 kg	96 pcs. / Pallet	4751006563766
Grey	25 kg	48 pcs. / Pallet	4751006561847
Grey	40 kg	36 pcs. / Pallet	4751006560031

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.