

TECHNICAL DATA SHEET



SAKRET CMM – DECORATIVE MASONRY AND GROUTING MORTAR

14 10 21

Tinted masonry and grouting mortar (strength class M5 according to EN 998-2).

- Application:**
- For grouting of decorative walls
 - For bricklaying of walls made of bricks and blocks by creating a decorative tinted joint
 - For interior and exterior use
 - Can be developed by hand

- Qualities:**
- Pre-tinted
 - Plastic
 - High mechanical and climatic resistance.
 - 15 different high-quality tones

- Components:**
- Portland cement
 - Inert fillers
 - Technological additives
 - Mineral pigments

Technical data:	Water to be added:	25 kg	Approx. 3,5 – 4,0 l
	Water absorption:	$\leq 0,3 \text{ kg/m}^2 \cdot \text{min}^{0,5}$	
	Water vapor permeability coefficient μ :	15/35	
	Shear strength (table value):	$\leq 0,15 \text{ N/mm}^2$	
	Chloride content:	$< 0,1 \%$	
	Frostbite class:	F35	
	Thermal conductivity $\lambda_{10, \text{dry}}$ (table values):	$\leq 0,83 \text{ W/(mK)}$ P=50% $\leq 0,93 \text{ W/(mK)}$ P=90%	
	Readiness time:	Approx. 3 min.	
	Development time:	Approx. 2 hours	
	Air and foundation temperature:	from $+5^\circ\text{C}$ till $+25^\circ\text{C}$	
	Compressive strength after 28 days:	$\geq 5 \text{ N/mm}^2$	
	Maximum grain size:	till 1,0 mm	
	From 25 kg of dry mixture can be made	Approx. 16 litres mortar	
	Fire safety class	A1 (non-flammable)	

- Foundation preparation:**
- The foundation must be dry, firm and free of cracks. Remove the foundation from less durable and / or separable layers, as well as from dust, dirt, oils, paint residue, etc. adhesion reducing dirt.
 - Treat particularly dense and smooth surfaces with abrasive material.
 - Highly absorbent mineral surfaces must be primed with SAKRET BG or SAKRET UG water-based concentrated primer in a ratio of 1: 3.
 - Blocks and bricks must not be wet, damp, frozen or icy.

- Processing:**
- Mix the dry mixture in a clean container with cold, clean water until a homogeneous, lump-free mass of the required consistency is obtained.
 - Allow the prepared mortar to stand for 3 minutes and mix again.
 - Adding a different amount of water may affect the colour of the material.



Additional recommendations for processing:

- All work must be carried out in accordance with the rules of cement mortar masonry technology.
- Do not dilute material that has started to harden with water!
- Processing of the material in wet and cold weather may affect the colour tone of the product and cause salinization.
- Increasing the amount of water to be added can cause salinisation and material shades to change.
- In order to reduce the possible change in the colour of the material, we recommend mixing the entire package and working in even weather conditions.
- Uneven water absorption of masonry materials can affect the tone of the material.
- Materials from the same production batch must be used in one plane.
- Do not use building elements that are wet or have a high technological humidity for masonry, as this can lead to the formation of salt.
- We do not recommend making decorative seams or masonry at temperatures $< + 5^{\circ} \text{C}$ and in wet / cold weather.
- The addition of antifreeze additives to the material is not permitted.
- Protect the material from direct weathering during drying and curing.
- In addition to protection against the effects of moisture, we recommend coating absorbent surfaces with SAKRET HF with a hydrophobic composition after complete curing (after 28 days).

Consumption:

- Approx. 16 kg / m² of dry mix if the layer thickness is 10 mm.
- For masonry approx. 0.8-1.0kg per brick.

Consumption of material for decorative masonry grouting:

Grout height (mm)	Grout depth (mm)	Consumption grams on current meter
5	10	80gr
10	10	160gr
10	15	240gr
10	20	320gr
15	15	360gr
15	20	480gr
20	20	640gr

Packing:

- Paper bags 25 kg / full pallet 48 pcs.

Storage:

- Protect the packaging from the weather, store it on wooden pallets in a cool and dry place. Cover torn or opened packaging immediately.
- Storage time in the original unopened packaging - 12 months.

Utilization:

- Dispose of the hardened mixture as a mineral building material in accordance with local regulations.
- Dispose of the packaging in accordance with local regulations as paper laminated with a film liner.

Safety information:

- Contains cement, reacts alkaline with moisture!
- Contains soluble hexavalent chromium Cr (VI) ions $\leq 0.0002\%$.
- Safety signs are indicated on the packaging and in the safety data sheets.

TECHNICAL DATA SHEET



SAKRET CMM – DECORATIVE MASONRY AND GROUTING MORTAR

14 10 21

Additional information:

- Protect from the sun, wind, frost and excessive temperatures ($> + 25 \text{ }^{\circ} \text{C}$) during the curing phase.
- The technical data refer to a temperature of $+ 23 \pm 2 \text{ }^{\circ} \text{C}$ and a relative humidity of $50 \pm 5\%$.
- The manufacturer is indicated by the letters by date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.

Colour	Packing 1	Packing 2	Barcode
See below in table	25 kg	48 pcs. / Pallet	

The information provided in the technical data sheet applies to the use of this product in the absence of other technical documentation prepared and provided by the manufacturer. The manufacturer is not liable for any damage resulting from improper use of this product. If you have any questions or concerns, please contact the manufacturer or seller. Information on product safety is available in safety data sheets, declared values - declaration of performance.

Tone visualization and codes are informative. Use physical SAKRET CMM tone samples to match exact tones.		
Tone name	Tone code	Tone visualization
White	NCS S 0500-N (Balts)	
Granit	NCS S 1000 - N	
Schiefer	NCS S 3000 - N	
Diabas	NCS S 5000 - N	
Sand	NCS S 2002-Y50R	
Ton	NCS S 1020 - Y20R	
Bernstein	NCS S 1515 - Y40R	
Melone	NCS S 2020 - Y50R	
Ocker	NCS S 2050 - Y50R	
Magma	NCS S 5030-Y80R	
Erde	NCS S 5020 - Y60R	
ERZ	NCS S 6020 - Y70R	
Amethyst	NCS S 6010 - Y90R	
Hamalit	NCS S 6010 - Y50R	
Turmalin	NCS S 7005 - Y50R	