

TECHNICAL DATA SHEET



SAKRET MRP-E – MINERAL DECORATIVE PLASTER

20 12 03

Decorative mineral plaster – design "rain" (strength class CS II in compliance with standard EN 998-1).

- Application:**
- For creation decorative surfaces, as the final layer in SAKRET thermal insulation system, as well as on different types of mineral surfaces.
 - For interior and exterior works.
 - The decorative plaster can be tinted, by adding SAKRET mineral pigments and/or painting the plaster with SAKRET KS (silicate paint), SAKRET FM (acrylic paint), SAKRET SKF (silicone resin paint) or another suitable paint.
 - Can be processed manually or with mixer.

- Qualities:**
- High water vapour permeability and climatic resistance.
 - In white colour.

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

Technical data:

Water to be added:	25 kg / MRP-2 mm	Approx. 4,7-4,9 l
	25 kg / MRP-3 mm	Approx. 4,5-4,8 l
Readiness time:	approx. 3 minutes	
Processing time:	approx. 2 hours	
Air and foundation temperature:	from +5°C till +25°C	
Compressive strength after 28 nights	≥ 5 N/mm ²	
Maximum grain size:	MRP-2 mm up to 2 mm	
	MRP-3 mm up to 3 mm	
From 25 kg dry mixture MRP-2 mm	approx. 18,6 litres of mortar can be made	
From 25 kg dry mixture MRP-3 mm	approx. 17,5 litres of mortar can be made	
Fire safety class	A1 (non-flammable)	

- Preparation of foundation:**
- 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.
 - Foundation must be primed with primer SAKRET PG.
 - Very porous surfaces (aerated concrete) must be primed with deep primer SAKRET TGW or construction primer SAKRET BG.

- Processing:**
- For manual processing mix dry material in clean container with clear, cold water, till homogeneous mixture of needed consistency, without lumps is formed.
 - Prepared mortar shall be kept for 3 minutes and mixed repeatedly.
 - Apply the plaster on the foundation evenly with a metal grater plate or a trowel. The thickness of the layer should be equal to the maximum grain size.
 - The decorative drawing (or surface) is formed by vertical movements using a plastic grater plate.

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Additional recommendations for application:	<ul style="list-style-type: none">• Containers and tools to be used must be clean, without rust.• It is important to make precise dosage of water, for the colour of the plaster to be similar!• In case of usage of mineral pigments, whole plaster's packing must be mixed at once.• Material that has started to harden must not be diluted with water!• All works shall be done observing the regulations of decorative plastering technologies!• For achievement of the best thermal insulation results, it is recommended to use the materials certified in the system ETIGS SAKRET EPS (with foam polystyrene plates) or ETIGS SAKRET MW (with mineral wool).
Consumption:	<ul style="list-style-type: none">• From 25 kg MRP-2mm approximately 8 m².• From 25 kg MRP-3mm approximately 6, 2 m².
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 not opened packing – 12 months.
Utilization:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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.

Product	Colour	Package 1	Package 2	Barcode
MRP-2mm	white	25 kg	48 pcs. / pallet	4751006560352
MRP-3mm	white	25 kg	48 pcs. / pallet	4751006560345

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.