

TECHNICAL DATA SHEET



SAKRET FS – FLOOR LEVELLING COMPOUND

21 04 2022

For floor foundation levelling (strength class C25 in compliance with standard LVS EN 13813:2003).

- Application:**
- For levelling of floor foundation before final decoration.
 - For fixing of concrete foundation's defects. Floor levelling compound can be used on concrete and other mineral materials' foundations.
 - For filling of horizontal intermediate panels' joints.
 - Floor, covered with floor levelling compound, maybe tiled without additional processing.
 - Covering surface with thin flooring, the floor first must be additionally levelled with self-levelling compound **SAKRET NSP**.
 - For interior and exterior works.
 - Suitable for installation of heated floors.
 - Can be processed manually or with mixer.

- Qualities:**
- High mechanical and climate persistence.
 - In grey colour.

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

Technical data:	Water to be added to	25 kg	Approx. 2,6-2,8 l
	Readiness time:	Approx. 3 minutes	
	Processing time:	Approx. 90 minutes	
	Layer thickness:	10-60 mm	
	Air and foundation temperature:	from +5°C till +25°C	
	Compressive strength after 28 days	≥ 25 N/mm ²	
	Maximum grain size:	≤ 2,5 mm	
	From 25 kg dry mixture	approx. 12,3 litres of mortar can be made	
	Fire safety class	A1 (non-flammable)	

- Foundation preparation:**
- Surface must be firm and dry, without cracks. Clean the foundation from less enduring and/or detachable layers as well as dirt, dust, oils, paint leftovers etc. that decrease adhesion.
 - Especially dense and smooth surfaces must be treated with abrasive material.
 - Very absorbing mineral surfaces must be primed with primer SAKRET BG or with concentrated primer SAKRET UG, diluted with water in proportion 1:3.
 - Dry and very absorbing surfaces must be primed two times!

- Processing:**
- Dry mixture must be mixed in clean container with cold, clear water until homogeneous mixture without lumps is obtained.
 - After readiness time, about 3 minutes, prepared mortar must be mixed again;
 - Compound must be poured on prepared surface (layer thickness not less than 10 mm) and levelled.
 - All work must be done in accordance with the floor laying technology.

- Consumption:**
- Approximately 20 kg / m² of dry mixture if layer thickness is 10 mm.

- Additional recommendations for processing:**
- In locations around columns, wall joints etc. the compensation tape must be used.
 - In constructions of large surface area deformation joints intervals must be observed.
 - Material, that has started to harden must not be diluted with water.
 - Prohibited to use on gypts or anhydrite foundations.

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

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Storage:	<ul style="list-style-type: none">• Packing must be kept away from weather conditions impact, keep on wooden pallets in cool and dry place. Thorn or opened packing must be covered immediately.• Storage time in original, unopened packing – 12 months.
Utilization:	<ul style="list-style-type: none">• Hardened material shall be utilized in compliance with local legislation demands as building material of mineral origin.• Packing must be utilised in compliance with local legislation demands as paper, laminated with intermediate film layer.
Safety information:	<ul style="list-style-type: none">• Contains cement: reacts alkaline with moisture!• Contains chromate 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 protect from 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 shown by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT – UAB SAKRET LT

Colour	Packing 1	Packing 2	Barcode
Grey	25 kg	48 pcs. / Pallet	4751006563605

The information provided in the technical data sheet refers to usage of the above product, if there is no other technical documentation, prepared and issued by 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.