



SAKRET NSP- FAST HARDENING SELF LEVELING COMPOUND FOR FLOOR

15 09 03

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

Application:

- For levelling of floor foundation before final finishing.
- For concrete surfaces.
- For fixing of defects in concrete foundation.
- Surface levelled with floor levelling compound can be covered with tiles, PVC, various types of carpets without additional treatment.
- Suitable for installation of heated floors.
- For interior works.
- Can be processed manually or with mixer.

Qualities:

- High mechanical persistence.
- Self-levelling compound.
- In grey colour.

Components:

- Portland cement.
- Reinforcing fibre.
- Inert fillers.
- Technologic additives.

Technical data:

Water to be added to:	25 kg	approximately 5,25-5,50 l
Readiness time:	approx. 3 minutes	
Processing time:	approx. 30 minutes	
Layer thickness:	3-20 mm	
Air and foundation temperature:	from +5°C till +25°C	
Compressive strength after 28 days	≥ 25 N/mm ²	
Maximum grain size:	≤ 0,6 mm	
May walk:	after approx. 4 hours	
May cover with tiles:	after approx. 36 hours	
May cover with parquet, linoleum, polymer coatings:	after approx. 7 nights, if floor moisture corresponds to the coverage foundation's moisture demands	
Fire safety class	A1 (non-flammable)	

Foundation's 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.
- Concrete surfaces must be primed with primer **SAKRET BG** or with concentrated primer **SAKRET UG**, diluted with water in proportion 1:2.
- Dry and very absorbing surfaces must be primed two times!
- In case of doubt, must be tested on small area.

TECHNICAL DATA SHEET



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Processing:	<ul style="list-style-type: none">• Dry mixture must be mixed in clean container with cold water until homogeneous mixture without lumps is obtained.• After readiness time, about 3 minutes, prepared mortar must be mixed again;• Pour the mass onto the prepared surface (thickness of the layer not less than 3 mm) and level with a long metal trowel or with a toothed trowel.• To improve the quality of the surface, the poured mass must be processed with a special needle roller, whilst it has not started to harden.• All work must be done in accordance with the floor laying technology rules.
Additional recommendations for processing:	<ul style="list-style-type: none">• In locations around columns, wall joints etc. the compensation tape must be used.• Material, that has started to harden must not be diluted with water.• In case of warm floor installation, turn off the heating 5 days before starting to work and switch it on at least after 28 days.• It is prohibited to use on gypsum or anhydrite foundations!
Consumption:	<ul style="list-style-type: none">• Approximately 16 kg / m² dry mixture if layer thickness is 10 mm.
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 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 – 6 months.
Utilisation:	<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 ≤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°C).• Technical data refer to temperature +23±2°C and relative air humidity 50±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	4751006560796

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.