



## SAKRET BH – CONCRETE FLOOR / CONCRETE WITH REDUCED WATER ABSORPTION

19 11 29

For concrete flooring and for concreting works (strength class C35 in compliance with standard LVS EN13813:2005L).

### Application:

- For production of concrete and ferro-concrete constructions in hydro-technical works, for water channels and sewerage systems.
- Especially suitable for premises with increased humidity and large mechanical loads.
- For concrete flooring (minimum layer thickness 40 mm).
- For production and repair of concrete and ferro-concrete constructions.
- For interior and exterior works.
- Especially suitable for small volume concreting works.
- Suitable for heated floor arrangement.
- Processing manually or with mixer.

### Qualities:

- High mechanical and climate resistance
- Grey colour
- High resistance to abrasion.

### Components:

- Portland cement.
- Inert fillers.
- Technological additives.

### Technical data:

Water to be added to	40 kg	approximately 3,8-4,0 l
Readiness time:	approximately 3 min.	
Processing time:	approximately 1 hour	
Air and surface temperature	from +5°C till +25°C	
Pressure strength after 28 days	≥ 35 N/mm <sup>2</sup>	
Maximum grain size:	≤ 12 mm	
From 40 kg dry mixture	approximately 19 litres of mortar can be made	
Water resistance mark (According to standard LVS 156-1:2017 Annex B)	W18	
Maximum water penetration depth (according to the standard LVS EN12390-8:2009)	15,5 mm	
Fire safety class	A1 (non-flammable)	

### Foundation preparation:

- 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.
- 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.

### 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.
- For concrete flooring the prepared mixture shall be poured with layer thickness not less than 40 mm, shall be stamped and evened up.
- For making concrete foundation, mixture shall be poured in form templates, stamped and levelled.
- All works must be carried out observing the technology terms of concreting or repair works!



## SAKRET BH – CONCRETE FLOOR / CONCRETE WITH REDUCED WATER ABSORPTION

19 11 29

### Additional recommendations for application:

- Not absorbing or weakly absorbing templates shall be used; before concreting they shall be covered with template oil.
- Enough reinforcement protective layer shall be ensured, when using concrete in ferro-concrete constructions.
- In large surface area constructions deformation joints' intervals shall be observed.
- Material that has started to harden shall not be diluted with water!

### Consumption:

- Approximately 80 kg/m<sup>2</sup> of dry mixture, if layer thickness is 40 mm.

### Packing:

- Paper bags 25 kg / full pallet 48 pcs.
- Paper bags 40 kg / full pallet 36 pcs.
- 1000 kg / Big Bag packing / prior order
- 10000-20000 kg / available silo / prior order

### Storage:

- 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, unopened packing – 12 months.

### Utilization:

- 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:

- Contains cement, reacts on moisture in alkaline way!
- Contains solvent, six worthy chrome Cr (VI) ions ≤ 0, 0002%.
- Safety signs are on packing and in safety data sheets.

### Additional information:

- During hardening phase SAKRET LC must be kept away of 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 indicated by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.

Paint	Packing 1	Packing 2	Barcode
Grey	25 kg	48 pcs. /pal.	4751006562103
Grey	40 kg	36 pcs. /pal.	4751006560444

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.