

TECHNICAL DATA SHEET



SAKRET FK PLUS – TILE ADHESIVE

22 03 2022

Advanced adhesive on cement basis with decreased slide and prolonged open time class **C1TE** in compliance with standard **EN 12004**

- Application:**
- For finishing of walls and ceiling.
 - For adhesion of ceramic tiles and stone mass tiles in thin or semi thick layer on concrete or gyps-cardboard plates.
 - For interior and exterior works.

- Qualities:**
- Easy to use.
 - Water and frost resistant.
 - In grey colour.

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

Technical data:

	1 kg	Approx. 0,250-0,270 l
Water to be added	25 kg	Approx. 6,25-6,75 l
Readiness time	approximately 3 minutes	
Processing time	approximately 2 hours	
May walk and fill grouts	after 24 hours	
Processing temperature	from +5°C till +25°C	
Initial adhesive tension strength:	$\geq 0,5 \text{ N/mm}^2$	
Adhesive tension strength after ageing, when heating	$\geq 0,5 \text{ N/mm}^2$	
Adhesive tension strength after immersion in water:	$\geq 0,5 \text{ N/mm}^2$	
Adhesive tension strength after frosting-defrosting cycles:	$\geq 0,5 \text{ N/mm}^2$	
Tile slide:	$\leq 0,5 \text{ N/mm}^2$	
Open time: adhesive tension strength after 30 minutes:	$\geq 0,5 \text{ N/mm}^2$	
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.
 - Strongly absorbing mineral surfaces must be primed with primer **SAKRET BG** or concentrated primer, diluted with water - **SAKRET UG**, in proportion 1:3.
 - Crumbly surfaces shall be primed with deep primer **SAKRET TGW**.
 - Non-absorbing surfaces shall be primed with quartz primer **SAKRET QG**.
 - Especially dense and smooth surfaces shall be processed with abrasive material.

- Processing:**
- To prepare adhesive, mix dry material in clean container with cold water till homogeneous mixture of needed consistency without lumps, is formed. After readiness time mix repeatedly.
 - Prepared adhesive shall be applied on surface and evened with toothed trowel. On freshly applied adhesive tile must be put on and set up in needed position. It is recommended to apply at once only so much adhesive on the surface area, that can be covered with tiles within 15 minutes.



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Additional recommendations for application:	<ul style="list-style-type: none"> • It is recommended to use mixer with 600 turns per minute. • Material that has started to harden shall not be diluted with water! • Deformation joints shall not be filled with adhesive!
Consumption:	<ul style="list-style-type: none"> • approx. 1, 8 kg/m² of dry mixture, if trowel's teeth size is 4 mm. • approx. 2, 7 kg/m² of dry mixture, if trowel's teeth size is 6 mm. • approx. 4,5 kg/m² of dry mixture, if trowel's teeth size 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 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"> • Hardened mixture shall be utilized in compliance with local legislation as construction material of mineral origin. • Packing shall be utilized 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 ≤ 0, 0002%. • Safety signs are on packing and in safety data sheets.
Additional information:	<ul style="list-style-type: none"> • During hardening phase 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. / pallet	4751006566507

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.