



## SAKRET BAK - REINFORCEMENT/ADHESION MORTAR FOR HEAT INSULATION PANELS

16 10 20

For reinforcement and adhesion of thermal insulation materials (foam polystyrene panels and mineral wool)

- Application:**
- For reinforcement/ plastering of rock wool and foam polystyrene panels.
  - For adhesion of rock wool and foam polystyrene panels to mineral surfaces.
  - Mineral surfaces, as well as wood fibers, cement/wood fibers (fibrolite), cement fibers for reinforcing slabs with fiberglass mesh and smoothing of thin-layer surfaces.
  - For interior and exterior works.
  - Can be applied manually or with mixer.

- Qualities:**
- High mechanical and climate resistance.
  - Polypropylene fiber is added to the mortar, that provides additional resistance against formation of micro cracks.
  - Grey color.

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

<b>Technical data:</b>	Water to be added for 25 kg	Approximately 6,5 l
	Readiness time	Approximately 3 minutes
	Processing time	Approximately 2 hours
	Air and surface temperature:	From +5°C till +25°C
	Maximum grain size:	Till 0,6 mm
	Of 25 kg dry mixture	approximately 20,3 liters of mortar can be made
	Fire safety class	A1 (nonflammable)

- Foundation preparation:**
- Thermal insulation panels for reinforcement/ plastering must be firmly fastened, even, clean and dry.
  - Surface under thermal insulation panels 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, with filled gaps.
  - 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.
  - Mortar for reinforcement/ plastering shall be applied on thermal insulation panel in even layer (till 5 mm), pull through with toothed trowel, process into the material reinforcement mesh, durable against alkali and level with even trowel so that the reinforcement mesh is fully covered with mortar.
  - If thermal insulation panels are glued on even foundation, then mortar is applied with toothed trowel (tooth size 10-12mm) on the whole surface of thermal insulation panel and glued to foundation.
  - If foundation is uneven, then mortar is applied on the edges of the panels in thick lines (about 2 cm high and 5 cm wide) and put on 4-6 points in the middle of the panel and glue to the foundation.
  - If the mortar is applied on mineral wool thermal insulation panel, then it is first rubbed in the surface of the panel.



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<b>Additional recommendations for processing:</b>	<ul style="list-style-type: none"> <li>• It is recommended to use mixer with 600 turns per minute.</li> <li>• The edges of the reinforcement mesh must overlap for 10 cm.</li> <li>• Material that has started to harden shall not be diluted with water!</li> <li>• All works shall be done observing the regulations of adhesion/ reinforcement work technology of thermal insulation materials!</li> <li>• Hardened reinforced surfaces may be covered with decorative plaster SAKRET MRP E, SAKRET SBP (mineral plasters), SAKRET AP (acrylic), SAKRET SIP (silicone), SAKRET SMS (silicone-silicate) and other decorative plasters.</li> <li>• Before applying of decorative plaster, layer to be reinforced shall be primed with primer SAKRET PG.</li> <li>• To achieve the highest thermal insulation results, it is recommended to use materials that are certified in system ETICS SAKRET EPS (with foam polystyrene panels) or ETICS SAKRET MW (with mineral wool).</li> </ul>
<b>Consumption:</b>	<ul style="list-style-type: none"> <li>• Approximately 4-7 kg/m<sup>2</sup> of dry mixture for reinforcement (layer thickness ~ 5 mm).</li> <li>• Approximately 4-6 kg/m<sup>2</sup> of dry mixture for adhesion.</li> </ul>
<b>Packing:</b>	<ul style="list-style-type: none"> <li>• Paper bags 25 kg / full pallet 48 pcs.</li> <li>• 10000-20000 kg / silos available/ prior order</li> </ul>
<b>Storage:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Storage time in original not opened packing – 12 months.</li> </ul>
<b>Utilization:</b>	<ul style="list-style-type: none"> <li>• Hardened mixture shall be utilized in compliance with local legislation as construction material of mineral origin.</li> <li>• Packing shall be utilized in compliance with local legislation demands as paper, laminated with polythene layer.</li> </ul>
<b>Safety information:</b>	<ul style="list-style-type: none"> <li>• Contains cement, reacts on moisture in alkaline way!</li> <li>• Contains solvent, six worthy chrome Cr (VI) ions ≤ 0, 0002%.</li> <li>• Safety signs are on packing and in safety data sheets.</li> </ul>
<b>Additional information:</b>	<ul style="list-style-type: none"> <li>• During hardening phase must be kept away of sun beams, draught, frost and too high temperature (&gt;+25°C);</li> <li>• Technical data refer to temperature +23±2°C and relative air humidity 50±5%.</li> <li>• Producer is indicated by letters after date: EST - OÜ SAKRET; LV - SIA SAKRET; LT - UAB SAKRET LT.</li> </ul>

Paint	Packing 1	Packing 2	Barcode
Grey	25 kg	48 pcs. / pallet	4751006560833

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.