TECHNICAL DATA SHEET

SAKRET®

SAKRET RM – NONSHRINKAGE MORTAR RM

21 05 05

Mortar made on cement basis, modified with additives that decrease shrinkage, and polypropylene fibre.

Application:	- For erection of ferro concrete elements. - For filling and repair of vertical and horizontal intermediate-panels' joints during maintenance of buildings. - For strengthening of anchor arrows of instalments and building structures. - For interior and exterior works. - Layer thickness from 3 mm till 100 mm (in case of modelling or strengthening of anchor-arrows. - Can be applied manually or mechanically.
Qualities:	- High mechanical and climate resistance - Grey colour.
Components:	- Portland cement. - Inert fillers. - Technological additives.

Technical data:

Water to be added for 25 kg	About 2,75 l
Maximum grain size	≤ 2,5 mm
Readiness time	approx. 5 minutes
Processing time	approx. 20 – 30 minutes
Air and surface temperature:	from +5^{0}C till +25^{0}C
Pressure strength (after 1 day/night):	≥25 Mpa
Pressure strength (after 7 day/nights):	≥40 Mpa
Pressure strength (after 28 day/nights):	≥50 Mpa
Flexural strength (after 28 day/nights):	≥7 Mpa
Adhesion	≥2 Mpa
Carbonation resistance	resists
From 25 kg dry mixture	approx. 13 litres of mortar can be made
Fire safety class	A1 (non-flammable)

Foundation preparation:	- 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. - 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 not less than 3 minutes in clean container with cold water till homogeneous mixture of needed consistency without lumps, is formed. - Mixer with 600 turnarounds per minute is recommended for mixing. - After readiness time, in about 5 minutes, it should be mixed repeatedly.
Additional recommendations for application:	Material that has started to harden shall not be diluted with water!
Consumption:	Approximately 1, 9 kg/dm^3 of dry mixture.
Packing:	Paper bags 25 kg / full pallet 48 pcs.

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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 not opened packing – 12 months.
Utilization:	• 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:	• 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 must be kept away of sun beams, draught, frost and too high temperature (>+25ºC); • 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	4751006561052

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.