

TECHNICAL DATA SHEET

MOZAIC DECORATIVE PLASTER SAKRET GAP

25 08 2021

Crushed granite and dispersion binder's decorative plaster for plinths, walls and elements of stone buildings. In compliance with standard **EN 15824:2009**.

Application:

- For interior and exterior works;
- For formation of decorative plaster on different vertical parts and elements of buildings;
- Used for plinths (including thermally insulated), columns, walls, etc. for decorative finish of buildings;
- Processing manually and mechanically.

Qualities:

- Weather conditions resistant;
- High resistance to fading;
- The color of granite does not change during operation, which does not require repainting
- Resistant against dirt, surface can be easily cleaned;
- Resistant against formation of microorganisms' colonies;
- Resistant against rubbing;
- Ready for use;
- Does not contain solvent

Components:

- Water polymer dispersion;
- Inert fillers;
- Crushed granite;
- Additives.

Technical data:

Aggregative state	Paste type	
pH	6,5 – 7,5	
Density g/cm ³	1,85±0,05 g/cm ³	
Solids content	~72%	
Drying time hours if +20°C and relative air humidity 65 %	24 hours	
Grain size, mm	0,6 - 1,2 mm	
	1,0 – 3,0 mm	
Adhesion, (EN 1542)	≥0,3 Mpa	
Water capillary absorption 0,6-1,2 mm 1-3 mm (EN 1062-3)	0,6 - 1,2 mm	W1 W ₂₄ =0,55
	1,0 – 3,0 mm	W2 W ₂₄ =0,28
Water vapor permeability 0,6-1,2 mm 1-3 mm (EN 7783-2)	0,6 - 1,2 mm	V1 S _d =0,10
	1,0 – 3,0 mm	V2 S _d =0,25
Fire reaction class (EN 13501-1+A1:2010)	B-s1, d0	

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- Foundation preparation:**
- Surface must be dry, firm and without cracks. Surface must be cleaned from loose and/or separable layers, as well as from dust, dirt, oil, paint leftovers and other dirt that decreases adhesion.
 - If it is planned to use GAP D(2), GAP A(2) or a combination of specially designed shades, which include white marble grains, we recommend using or white cement-based materials for surface preparation Sakret CLP+ White or Sakret KAM, which will provide better tonal uniformity;
 - Intended for application on stable mineral bases - concrete and cement-based plasters (plaster strength classes CS II, CS III and CS IV)
 - Gyps' cardboard plates shall be primed with SAKRET UG, diluted in proportion with water 1:5 or SAKRET BG.
 - For repair of uneven or damaged foundations surface levelling SAKRET plasters, fillers or repair compositions should be used.
 - Before applying of SAKRET GAP the foundation should be primed with primer SAKRET QG. Under dark tones we recommend to tint the primer accordingly.
 - We recommend using only 1 mm Sakret GAP plaster for finishing facades insulated with stone wool.

- Processing:**
- Plaster must be mixed before use.
 - Mixer with 600 turnarounds per minute shall be used for mixing.
 - Plaster is used undiluted (do not add water).
 - Must be applied with steel grater board, held aslope, in thickness of plaster's fillers grain. After it is applied, the surface shall be evened.
 - **Plaster shall not be structured by rubbing it!**
 - Processing temperature **+5°C till +25°C**. At a temperature of +20 °C and 65% relative air humidity, the GAP surface is dry to the touch after 24 hours. Completely dried and can be loaded after 2-3 days. Plaster dries physically, i.e., with the formation of a dispersion film and the evaporation of water. **If the air temperature is low and the humidity level is high, the drying time will be longer!**
 - Plaster must not be applied to walls that are exposed to intense pressure of sunlight during processing;
 - Do not use for surfaces and constructions, that have damaged horizontal and vertical waterproofing and that are exposed to constant and long-term water impact.
 - During drying, the plastered surface must be protected from rain, strong wind and too fast drying out, which can cause visual and mechanical damage to the plaster;
 - Foundation's humidity must be $\leq 2\%$.

- Additional instructions for processing:**
- **Plaster must not be mixed with other materials and diluted with water!** This may cause cardinal changes of plaster's technical qualities.
 - Tools shall be washed with water straight after work is finished.
 - Surface levelling cannot be done with plaster.
 - If moisture exudes out of foundation, it may cause damage of plaster.
 - If salting out is observed on the surface, we do not recommend using the Sakret GAP material without special preparations and an in-depth survey of the surface.
 - It is not recommended to apply products from different manufacturers on the same plane (see sticker on the package), because due to the natural unevenness of the fillers, slight deviations in shades are possible.
 - When choosing a one-color plaster, it should be noted that natural granite may contain inclusions of other colors;
 - The shades of plaster shown in the catalog or on the monitor screen (on the SAKRET website) may differ from the shade of the actual product;
 - When planning the application of SAKRET GAP plaster, attention should be paid to the treatment areas, so that they can be covered with plaster in one work procedure without work breaks;
 - We recommend evaluating the possibility of dividing large finishing planes into smaller ones creating separating work seams ("rusts") in the squares

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Consumption, kg/m²:	Grain size	Consumption
	1 mm	3,5 – 4,0 kg/m ²
	3 mm	6,8 – 7,0 kg/m ²

Less consumption during application means an insufficient layer thickness, which after drying can make the base visible and create an unaesthetic appearance of the surface!

Packing:

- PE bucket 14 kg/ full pallet 33 pcs.

Storage:

- Storage time in original, closed packing – 12 months
- Store in temperature +5°C till +30°C

Utilization:

- Packing shall be utilized in compliance with local legislation demands.

Safety information:

- Safety phrases are on packing and in safety data sheets.

Additional Information:

- Four granite base tones and eight tone combinations are available
- Technical data refer to temperature +23±2°C and relative air humidity 50±5%

Do not freeze!

Product	Packing 1	Packing 2	Barcode
GAP	14 kg	33 pcs./ Pallet	4751006562691

The information provided in the technical data sheet is based on tests made in laboratory and practical experience. 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.