

TECHNICAL DATA SHEET

Silicone - silicate decorative plaster

SMS/B-1,0; SMS/B-1,5; SMS/B-2

01 05 20

Silicone and potassium silicate binders, ready to use, tonable decorative plaster, **EN 15824:2009**

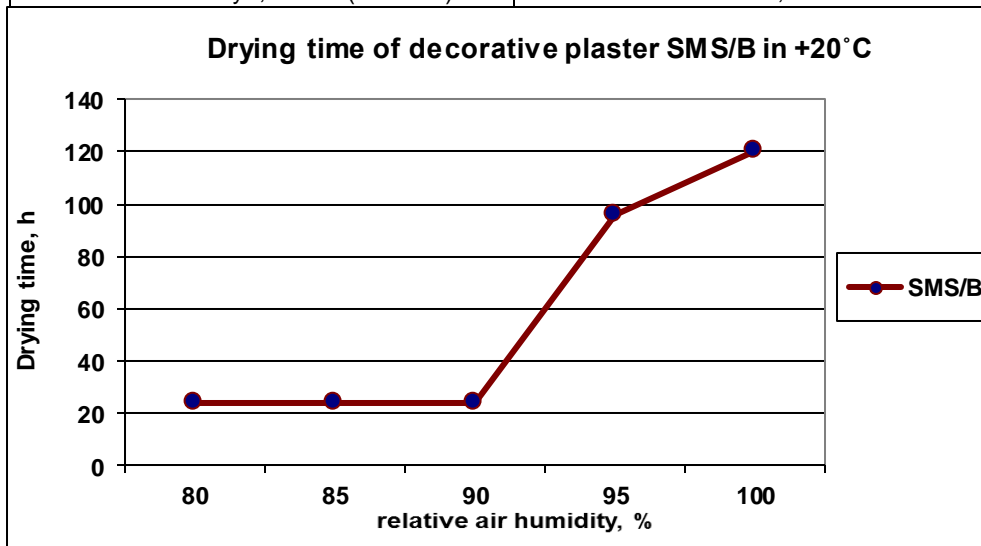
- Application:**
- In thermal insulation systems of buildings, according to ETA – 10/0064 and ETA -10/0185.
 - For interior and exterior works;
 - Processing manually or mechanically.

- Suitability:**
- For creating a plaster surface structure with a “curd” or “rain/ worm” pattern;
 - For all kinds of facade thermal insulation systems;
 - For finishing of mineral surfaces;
 - For gyps-cardboard finish;
 - For finish decoration of other, traditional building materials.

- Qualities:**
- Ready to use;
 - Product contains substances that prevent formation of microorganisms’ colonies;
 - Fibre reinforced, flexible;
 - Good adhesive qualities;
 - Low water absorption;
 - High water vapor permeability;
 - Easy to maintain;
 - Large selection of shades, tonable in the mass ;
 - Solvent free.

- Components:**
- Silicone polymer dispersion;
 - Potassium silicate solution;
 - Inert fillers;
 - Additives.

| | | |
|------------------------|--|---------------------------|
| Technical data: | Aggregative state | Paste type |
| | pH | 10,5 - 11,5 |
| | Maximum grain size | SMS/B – 1 mm; 1,5 mm; 2mm |
| | Density, g/cm ³ | 1,75±0,05 |
| | Reaction to fire (EN 13501-1) | Euro class A2-s1, d0 |
| | Adhesion, Mpa (EN 1542) | ≥0,3 |
| | Water permeability (capillary absorption (EN 1062-3) | W3 |
| | Water vapour permeability (EN 7783-2) | V1 |
| | Freeze-melt durability (EN 13687) | NPD |
| | Thermal conductivity λ, W/mK (EN1745) | ≤0,75 |



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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.

- Processing:**
- Plaster must be mixed properly before usage.
 - Plaster is used undiluted.
 - Must be applied with metal trowel and structured with plastic grater board.
 - Processing temperature +5°C till +25°C.
 - Masonry foundation's humidity must be ≤4%.

- Additional instructions for processing:**
- **Plaster must not be mixed with other materials and diluted with water!** This may cause cardinal changes of primer's qualities.
 - Variations in colour tone and durability may occur due to changes in consistency and weathering
 - If moisture exudes out of foundation, it may cause damage of plaster.
 - Tools shall be washed with water straight after work is finished.
 - If it is necessary to repaint the decorative plaster Sakret SMS/B, then the surface is primed with Sakret FM-G (diluted 1: 3 with water) and repainted with Sakret SKF in two coats.

Consumption, kg/m²:

Consumption depends on application method

| | Manually | Mechanically (approximate consumption) |
|-------------|-------------------|--|
| | kg/m ² | kg/m ² |
| SMS/B – 1,0 | 1,5 – 1,8 | 1,5 |
| SMS/B – 1,5 | 2,3 – 2,5 | 2,0 |
| SMS/B – 2,0 | 3,0 – 3,2 | 2,5 |
| SMS/L – 2,0 | 3,0 – 3,5 | Not suitable |

Packing: • PE bucket 25 kg/ full pallet 16 pcs.

- Storage:**
- Storage time in original, closed packing – 12 months.
 - Store in temperature +5°C till +30°C.
 - **Protect from frost!**

Utilization: • Packing must be utilized in compliance with local legislation demands.

Safety information: • Safety phrases are on packing and in safety data sheets.

- Additional Information:**
- Plaster must not be applied on walls under intensive sun rays impact during plastering.
 - Plastered surface must be protected from rain, strong wind and too fast drying, that can cause surface cracking.
 - It is not recommended to choose plaster tone for exterior works that is made using organic pigments.
 - Technical data refer to temperature +23±2°C and relative air humidity 60±5%.

| Product | Packing 1 | Packing 2 | Barcode |
|-----------|-----------|--------------|---------------|
| SMS/B-1,0 | 25 kg | 16 pcs./pal. | 4751006566101 |
| SMS/B-1,5 | 25 kg | 16 pcs./pal. | 4751006564732 |
| SMS/B-2 | 25 kg | 16 pcs./pal. | 4751006564770 |
| SMS/L-2 | 25 kg | 16 pcs./pal. | 4751006565081 |

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.