SAKRET SKF   Water dispersion silicone paint   04 01 2021

Water based dispersion silicone paint for concrete and plaster facades.

Application:
- For outdoor works;
- For facade finish.

Suitability:
- For concrete surfaces;
- For plastered surfaces;
- For brick surfaces;
- For painting of new surface;
- For surface, previously covered with dispersion paint.

Qualities:
- Ecologically clean;
- Matte;
- High water vapour permeability;
- Water and dirt repellent;
- Sustainable against impact of atmosphere;
- Contains substances that detain formation of microorganisms' colonies;
- Protects surface from CO_2 impact;
- Durable against alkali impact and acid rain;
- Good coverage.

Components:
- Silicone resin dispersion;
- Acrylic co-polymer dispersion;
- Pigments;
- Inert fillers;
- Technologic additives.

Technical data:

Tone	White, can be tinted (A and C base)
Dissolvent	Water
Gloss	Matt
Water vapour permeability (ISO 7783-2)	Sd < 0,14 m, class 1
Water penetrability (EN 1062-3)	W <0,1 кг/м^2/st^{0,5}, class 3
Drying time at 23°C and relative air humidity 50%	Surface can be painted repeatedly after 12 hours
Density, g/cm³	1,30 – 1,50
Viscosity, P (Brookfield, LV4, 20rpm)	100 - 200
pH	8 - 9
Solid Content (dry residue), %	58

Preparation of surface:
- Surface to be painted must be firm and dry (surface humidity ≤ 2%).
- Previously unpainted surfaces must be cleaned of salts, dirt and dust.
- Dense and smooth concrete surfaces that are formed after moulds are taken off, should be processed with sand jet or wire brush.
- Fresh surfaces, after construction works are finished, must be painted not earlier than:
  - Concrete – after 28 days;
  - Lime/cement plaster (SAKRET CLP+; MAP-MFF) – after 14 days;
  - Mineral decorative plaster (SAKRET SBP, MRP-E) – after 14 days;
  - Ready-made decorative plastering (SAKRET AP, SIP, SMS, SIL) – after plaster is completely dry.
- Previously painted surfaces shall be cleaned of the peeled paint and then prepared as the fresh surface.
- Microorganisms' colonies, if such exist, should be processed with material SAKRET FR.
- Surface shall be primed with SAKRET FM primer-concentrate that should be diluted with water, in proportion 1: 3.
- Primer must be applied so much as the surface can absorb.

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Processing:
- Painting can be done 12 hours after priming.
- Paint should be properly mixed before application.
- Paint is ready for use.
- Paint can be diluted with clean water (till 10% of the volume) for the first layer.
- Undiluted paint shall be applied for the finishing layer.
- Paint with roller, paintbrush or sprayer (nozzle 0,017"- 0,021") 2 layers.

Additional recommendations for application:
- The surface and air temperature during painting and drying should be not less than +5ºC and air relative humidity not larger than 80%.
- Do not paint in direct impact of sun beams, during rain or strong wind.
- If more paint than one container is necessary for the site (building), to avoid tone differences, paint residue of the previous container (about ¼) shall be mixed with the next full container. This procedure should be repeated till the painting work is finished.
- Tools should be washed with water straight after work is finished.

Consumption:
- 4 – 8 m^2/l, covering in one layer.
- Consumption depends on roughness and porousness as well as method of painting and circumstances.

Packing:
- PP bucket 9 l / full pallet 33 pcs.

Storage:
- Storage time in original, unopened packing – 24 months.
- Store in temperature +5°C till +30°C.
- **Protect from frost!**

Utilization:
- Packing should be utilized in compliance with the demands of local legislation.

Safety information:
- Safety phrases are shown on the packing and in Safety Data Sheets.
- Admissible VOC content (subgroup A/c) 40g/l. Maximum VOC content in product 2 g/l.

Additional information:
- Technical data refer to the temperature +23±2°C and relative air humidity 50±5%.

Colour (base)	Packing 1	Packing 2	Barcode
A base (white)	9 l	33 pcs. /pal.	4751006564879
C base	9 l	33 pcs. /pal.	4751006564985

The information provided in Technical Data Sheet is based on laboratory tests and practical experience. The producer is not responsible for the losses arisen of the product not properly used. In case of questions and uncertainties, please contact the producer or seller. Product's safety information is available in Safety Data Sheets, declared values – in Declaration of Performance.