



## SAKRET FM Water dispersion acrylic facade paint

04 01 2021

Water dispersion acrylic paint with siloxane additive 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 painting of surface previously painted with dispersion paint.

- Quality:**
- Ecologically clean;
  - Completely matted;
  - Modified with siloxane;
  - High water vapour permeability;
  - Water and dirt rejecting;
  - Sustainable against atmosphere influence;
  - Contains substances that detain formation of microorganisms' colonies;
  - Protects surface of CO<sub>2</sub> impact;
  - Good coverage.

- Components:**
- Acryl copolymer dispersion;
  - Poly-siloxane emulsion;
  - Pigments;
  - Inert fillers;
  - Technological additives.

**Technical data:**

Tone	White, can be tinted (A and C bases)
Solvent	Water
Gloss	Completely matte
Water vapour permeability (ISO 7783-2)	Sd < 0,14 m, class 1
Water penetrability (EN 1062-3)	W < 0,1 – 0,5 kg/M <sup>2</sup> st <sup>0,5</sup> , class 3
Drying time at 23°C and relative air humidity 50%	Surface can be painted repeatedly after 12 h
Density, g/cm <sup>3</sup>	1,35 – 1,50
Viscosity, P (Brookfield, LV4, 20rpm)	100 - 200
pH	8 - 9
Solids content (dry residue), %	58

- Foundation preparation:**
- Paintable surface must be firm and dry (surface humidity ≤ 2%).
  - Not previously painted surfaces must be cleaned off salt, 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 concrete surface should be painted not earlier than:
    - Concrete – after 28 days;
    - Lime/cement plastering (SAKRET CLP+; MAP-MFF) – after 14 days;
    - Mineral decorative plastering (SAKRET SBP, MRP-E) – after 14 days;
    - Ready-made decorative plastering (SAKRET AP, SIP, SMS, SIL) – after the plastering is completely dry.
  - Previously painted surfaces must be cleaned of the peeled paint and then prepared as 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 shall 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 volume) for the first layer.
- Not diluted 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 +5°C and air relative humidity not higher than 80%.
- Do not paint in direct impact of sun beams, during rain or strong wind.
- If more paint the one container is necessary for the object, to avoid tone differences, the 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<sup>2</sup>/l, covering in one layer;
- Consumption depends on surface roughness and porosity as well as painting method and conditions.

**Packing:**

- PP bucket 9 l / full pallet 33 pcs.

**Storage:**

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

**Utilization:**

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

**Safety information:**

- Safety phrases are on packing and in safety data sheets.
- Permissible VOC content (sub-group A/a) 40 g/l. Maximum VOC content in product 7 g/l.

**Additional information:**

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

Paint (base)	Packing 1	Packing 2	Barcode
A base (white)	9 l	33 pcs. /pal.	4751006564800
C base	9 l	33 pcs. /pal.	4751006564824

The information provided in the technical data sheet is based on laboratory tests 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.