



## Dry lime paint DP

02 03 2021

Nature friendly dry lime paint for surfaces that need very high water vapor permeability.

- Application:**
- For indoor and outdoor works;
  - For walls and ceiling finish.

- Suitability:**
- Especially suitable for renovation of historical buildings;
  - For lime, lime-cement plaster surfaces;
  - For mineral surfaces;
  - May be used on fresh concrete surfaces;
  - Surfaces, previously painted with lime paint.

- Qualities:**
- Nature friendly;
  - Very high vapour permeability;
  - Sustainable against climate changes;
  - Sustainable against microorganisms;
  - To be tinted with mineral pigments;
  - Completely matte;
  - Does not contain solvents.

- Components:**
- Calcium hydrate;
  - Inert fillers;
  - Technological additives.

<b>Technical data:</b>	Aggregate condition	powdery
	Grind	≤200 µm
	Colour	white
	Gloss	completely matte
	Density	0,7 g/cm <sup>3</sup>
	Water to be added to 1 kg dry paint	~ 1 litre
	pH	12 - 13
	Water to be added to 1 kg dry paint	~ 1 litre
	Solvent	clear water
	Processing time, h	48
	Drying time, 23°C, relative air humidity 50%	~ 1-2 h

- Foundation preparation:**
- Foundation must be firm, dry, without cracks.
  - Very porous, poorly bonded or chalked surfaces should be cleaned to a firm surface, unevenness should be smoothed;
  - Cracks and crevices must be cleaned and repaired with a surface-like composition;
  - The organic paint on the surface must be completely removed!
  - Strong and unevenly absorbent substrates must be primed in one coat with SAKRET KS-P;
  - The primer should be applied evenly to prevent leakage. Primer KS-P should also be used in cases where surface repainting is required;
  - Carefully cover the surrounding glass, ceramic, clinker and metal before painting surfaces (lime paint has an alkaline effect);



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### Processing:

- Dry paint must be mixed in clean container with clean water.
- If paint is planned to be tinted, container with dry pigment is delivered together with paint packing. Some water, planned for the paint, must be added to the pigment in separate clean container. Mix properly. The rest of the water must be added to dry paint to form paint paste.
- The dissolved pigment is added to the paint paste by mixing thoroughly;
- Must be applied with brush, in one direction and keeping one layer thickness.
- Paint must be mixed all through application so that layers are not formed;
- When starting to paint, mix enough paint to make a full plane for painting from one corner of the building to another;
- When applying paint to surfaces of different structures, the visual effect can create an impression about differences in tone;
- If the paint is applied on an unevenly dried surface, then in different areas spots can appear that will not disappear later;
- The surface should be painted in 2 coats with 8 hours of interlayer drying;
- Outer air and surface temperature during painting must be  $\geq +5^{\circ}\text{C}$  and air humidity not more than  $\leq 80\%$ .

### Additional recommendations for application:

- Repair of the surface can be done, using one of SAKRET historical building's plasters.
- If it is necessary to even the surface, SAKRET mineral fillers SFP, SFP Fine, LCC-0,5, LCC-1 or CC can be applied.
- If constructions made of fresh concrete or other kind of mineral blocks are painted, the surfaces to be painted can be prepared similarly as repainted surfaces.
- **Do not mix paint with other materials!** It may cause cardinal changes of paint's qualities.
- Tools should be washed with water straight after work is finished.
- Application temperature  $+5^{\circ}\text{C}$  till  $+25^{\circ}\text{C}$

### Consumption kg/m<sup>2</sup>:

- Wood fibre plate – 2,20;
- Silicate brick – 0,65;
- Concrete (dry) – 0,52;
- SAKRET CLP+ -0,55;
- SAKRET SBP – 0,70;
- SAKRET HML1 – 0,30;
- SAKRET HML4 – 0,45.

Consumption is shown when painting in two layers and it depends on surface roughness and porosity as well as painting method and conditions.

### Packing:

- PP bucket 10 kg/l / full pallet 16 pcs.

### Storage:

- Storage time in original, closed packing – 24 months
- Store in temperature  $+5^{\circ}\text{C}$  till  $+30^{\circ}\text{C}$ .

### 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:

- During painting and drying the surface must be protected against atmospheric precipitation, strong wind and influence of direct sun beams.
- Surface humidity must not exceed 6%.
- Technical data refer to temperature  $+23\pm 2^{\circ}\text{C}$  and relative air humidity  $50\pm 5\%$ .

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<b>Paint</b>	<b>Packing 1</b>	<b>Packing 2</b>	<b>Barcode</b>
White A base	10 kg	16 pcs./pallet	4751006564039
White C base	10 kg	16 pcs./pallet	4751006568501

The information provided in the technical data sheet applies to the usage of the given 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.