

Norol Si

Silicate emulsion paint with nanotechnology for interior walls and ceilings



AREAS OF APPLICATION

Silica-based interior paint, to colour design mineral and organic interior walls.

Specific use in sensitive areas and in damp rooms because harmless regarding the hygiene of the ambient air.

PRODUCT PROPERTIES

- Highly water-vapour permeable
- Highly water-repellent
- Highly durable
- Dull matt according to DIN EN 13300
- Free of fogging active substances, solvents and softeners (LEF)
- Degree of opacity 1 according to DIN EN 13300
- Wet abrasion resistance 2 according to DIN EN 13300
- Mould inhibiting
- Organic percentage

TECHNICAL DATA

Binder base	Potassium silicate
Density	approx. 1,5 kg/l
Diffusion-equivalent air-layer thickness	$s_d < 0,01$ m according to DIN EN ISO 7783
VOC value	EU limit value for the VOC content of this product (cat. A/a): 30 g/l (2010). This product contains < 1 g/l VOC.

APPLICATION INSTRUCTIONS

Substrate pre-treatment	All substrates must be stable, clean and free of any residue, which can reduce adhesiveness. Absorbent substrates to be reinforced must be primed with Hydro penetrating primer. Primer can be deluted with max. 1:2 water depending on absorbance of
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	substrate.
Mixing	Ready to use If necessary, adjust to application consistency using water.
Application	Apply Norol fully wetted and even in one coating. Can be diluted up to 3 %. A baselayer coat (diluted up to max. 5 %) can be advisable for surfaces with a high contrast. Apply material wet-in-wet in a cross motion. Spray application is possible.
Consumption	approx. 150 - 180 ml/m ² and layer Determine the precise material requirements by means of a trial coating on the object.
Information about the weather	The material, substrate and air temperatures cannot fall below +8 °C during application and drying.
Drying time	approx. 12 hours Dependent on temperature and relative humidity.
Cleaning of tools	In a fresh state with water.
Application by machine	Please request special information regarding machine processing.

STORAGE

Shelf life in original sealed packaging of at least 6 months when kept cool and protected against frost.

PACKAGING INFORMATION

Colour	White
Packaging unit	PP bucket approx. 15 l

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	M-SK01 1 K-silicate paints

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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