Hämeenkatu 9
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www.fescon.fi

SILICATE INTERIOR PAINT



Product description

Fescon Silicate interior paint is a water-borne, SOL-silicate–based interior paint for mineral surfaces and previously painted interior surfaces.

- Excellent coverage and water vapour permeability
- Breathable
- High covering power, up to 8 m^2 per 1 litre
- Can be applied by roller or spray
- Excellent cleanability
- Contains no aromatic solvents
- Full matt finish
- Practically odourless even during application
- Can be tinted to light shades

Applications

- All common mineral-based structures, typical plaster and filler surfaces, and previously painted surfaces
- Interior surfaces previously treated with silicate-based or traditional interior paints
- Not suitable for application on wood, silicone, or oil paints
- Topcoat for silicate board systems

The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

Instructions

Base

- The substrate must be solid, clean and dry, and free from grease, wax, silicone, dust or any other layers that may impair adhesion.
- New filler and plaster surfaces must be allowed to dry sufficiently before painting.
- Protect the surrounding areas from splashes.
- Clean any splashes immediately with clean water.
- Substrates with uneven absorbency are recommended to be primed with Fescon Silicate primer.

Instructions for use

- A test application should be carried out before starting work to ensure the correct colour shade.
- The priming coat is applied once using Fescon Silicate interior paint diluted with clean water, max. 15%.
- The topcoat is applied 1–2 times using undiluted Fescon Silicate interior paint.
- During application and drying, the air temperature must be at least +8°C and the relative humidity must not exceed 80%.

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- The surface can be repainted after approx. 12 hours and is fully dry after approx. 4–5 days.
- Clean tools with water immediately after use.
- When spray painting, use a nozzle size of 0.017”–0.023” and a working pressure of 150 bar.

Maintenance instructions

- A surface treated with Fescon Silicate interior paint can be cleaned with a damp cloth or a soft sponge.
- Avoid excessive scrubbing.
- Any damaged areas should be removed and repaired with suitable products.
- Repainting is carried out using Fescon Silicate interior paint.

Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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Technical information

Material usage	Approx. 0.125–0.15 l/m^2 per coat
Type	Liquid
Binder	Potassium waterglass
Colour	Light shades from the Fescon colour chart
Colour durability	A1 (BFS Notice 26)
Gloss group	G_3 matt
Maximum grain size	S_1 < 100 µm (fine)
Package size	12.5 l
Storage	Must be protected from frost. Do not store at a temperature of over +25°C
Density	Approx. 1.58 g/cm^3
Usage temperature	+8°C...+25°C
Drying time	Surface dry and re-coatable after approx. 12 hours
Water vapour permeability	Sd value class V_1 (high), [m] < 0.01
Water permeability	Class W_3 (low) < 0.10 kg/$m^2h^{0.5}$
Relative air humidity	Below 80%
Carbon permeability	C_0 (no requirement)
Thickness of dry layer	E_3 100-200 µ 0
Thinner	Water
VOC content	< 1 g/l EU limit value A/a: 30 g/l (2010)
GWP A1-A3	1,4
GWP unit	kg CO2e/kg
Method for calculating the GWP value	Generic

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.