Hämeenkatu 9
05800 HYVINKÄÄ
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www.fescon.fi

SILICATE FACADE PAINT



Product description

Fescon Silicate Façade Paint is a water-soluble façade paint based on special sodium silicate for stone surfaces.

- Excellent diffusion, CO2 permeable
- Breathable
- Stays clean thanks to its water resistance
- Roll and spray application - will not corrode due to sulphur dioxide, for example
- Good weather resistance
- Does not contain aromatic solvents
- Matte
- Non-saponified

Applications

- Stone façades that are new or previously treated with silicate-based paints or coatings
- Old and new surfaces plastered with lime-cement plaster
- Old lime, lime-cement and mineral paint surfaces
- Fescon Meshing and Fibre Plaster surfaces

Instructions

Base

The base must be solid, clean and dry, and it must not have grease, wax, silicone or dust or any layers that reduce adhesion. Allow new mineral plasters sufficient time to bond in accordance with the plastering technique rules. The minimum bonding time is two days/mm of plaster (guideline value). We recommend one application of Fescon Silicate Primer on all bases.

Work instructions

Before beginning work, carry out a test painting to ensure the correct tint.
Apply one base and intermediate coat using Fescon Silicate Façade Paint thinned with max. 15% Fescon Silicate Primer. Apply one or two top coats using unthinned Fescon Silicate Façade Paint. With spray application, maximum thinning is 5%. Apply the paint with a brush, roller or airless sprayer with a nozzle size of 0.031" and sprayer pressure 150 bar. The base must be dry. During painting and drying, air temperature must be at least +8°C and the relative humidity no more than 80%. The surface can be repainted after around 12 hours and it will dry through in around four to five days. Clean tools with water immediately after use.

Service instructions

A dirty surface treated with Fescon Silicate Façade Paint can be cleaned with a pressure washer. Remove any damaged spots and repair the holes. Repaint with Fescon Silicate Façade Paint. One treatment is sufficient for a cleaned, undamaged surface. Base coating is also needed for damaged areas from where the paint has been removed or holes have been patched.

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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. 0.18 - 0.25 l/m^2/application.
Type	Liquid
Binder	Potassium silicate
Colour	Fescon colour chart tints
Colour durability	A1 (BFS bulletin #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. 1.50 g/cm^3
Lowest usage temperature	+8°C
Drying time	Surface dry and paintable after approx. 12 h
Water vapour permeability	Sd value class V_1 (high), [m] < 0.01
Water permeability	Class W_3 (low) < 0.10 kg/m^{2}h$^{0.5}$
Relative air humidity	Less than 80%
Carbon permeability	C_0 (no requirement)
Thickness of dry layer	E_3 100-200 µ0
Thinner	Fescon Silicate Primer
VOC content	1 g/l (EU limit value A/c: 40 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.