

EWI-002

# SILICATE PAINT

## PRODUCT DATA SHEET

EWI-002 Silicate Paint is a durable, breathable coating made with potassium water glass. It's suitable for both internal and external use, providing a strong, weatherproof finish that lets the surface breathe. The paint bonds naturally with the surface, giving excellent adhesion and long-lasting protection.

It's resistant to UV rays, water and dirt, helping façades stay clean and fresh over time.

### Intended Uses

EWI-002 Silicate Paint is designed for mineral surfaces such as lime-cement render, concrete and mineral plaster. It's also suitable for use with external wall insulation systems. Because it allows moisture to escape, it's ideal for use on older or listed buildings where breathability is essential.



### Technical Specification

<b>Composition</b>	Potassium water glass, titanium dioxide, mineral fillers, pigments, polymer dispersion, additives, water.
<b>Gloss level</b>	Matt
<b>Consumption</b>	Approx. 0.225 l/m <sup>2</sup>
<b>Density</b>	Approx. 1.45 g/cm <sup>3</sup>
<b>pH</b>	Approx. 9
<b>Wet abrasion class</b>	≥ 5000 cycles
<b>SD-value</b>	Approx. 0.031 m
<b>Application and setting temperature</b>	5°C to 25°C
<b>Drying Time</b>	12 hours (at +20 °C)
<b>Unit Quantity</b>	15 Litre Bucket

Please note: These figures may vary based on the substrate and application method.

Please see the reverse of this page for directions for use.

# Directions for use

## Substrate Preparation

All surfaces must be clean, dry and stable before painting. Remove any dust, dirt, oil, mould or algae using a suitable cleaner. Repair cracks or damaged areas with EWI-260 Levelling Mortar and allow to dry fully. Once the surface is ready, apply EWI-333 Topcoat Primer to control absorption and improve adhesion. Protect windows, doors and other areas that should not be painted.

## Product Preparation

EWI-002 Silicate Paint is ready to use and should not be mixed with other products or diluted with water. Stir well before use and check the colour before applying.

## Application

Apply using a brush, roller or spray machine. Make sure the air and surface temperature are between +5°C and +25°C. Avoid painting in direct sunlight, strong wind, rain or frost. Leave at least twelve hours between coats. Apply the paint evenly and continuously to avoid visible overlaps. Always use paint from the same batch on a single wall or elevation to ensure consistent colour.

## Storage

Store EWI-002 Silicate Paint in its original, unopened container in a dry place between +5°C and +25°C. When stored correctly, it remains usable for up to 24 months from the date of manufacture.

## Safety Measures

Wear gloves, protective clothing and safety goggles during application. Avoid contact with skin and eyes, and do not breathe in the spray mist. Make sure there is good ventilation when working indoors. Wash all tools with clean water straight after use. Keep the product out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Dispose of leftover material and empty containers according to local environmental regulations.

## Warnings

EUH211 – Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Avoid breathing spray or mist. Use only outdoors or in a well-ventilated area. Wear suitable respiratory protection when spraying.



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