

# STEICO *secure* Silco

Facade paint



- Silicone resin emulsion paint
- High protection against fungal and algae infestation
- Permeable to CO<sub>2</sub> and water vapour
- Water repellent
- Low soiling tendency
- Increased film preservation

## Application area



- Silicone resin facade paint for mineral and organic substrates for exterior rendered facades

## Technical data

Water vapour diffusion resistance factor $\mu$	530
Density [g/cm <sup>3</sup> ]	1.4 - 1.6
Diffusion-equivalent air layer thickness [m]	0.1 V1 high
Water permeability rate w [kg/(m <sup>2</sup> *h <sup>0.5</sup> )]	< 0.1
Grain size [ $\mu$ m]	100 / S1
Gloss	matt G3
Dry film thickness	190

## Weight and packing

### Supplied in handy buckets

Colour shade	Number/pal. [pcs.]	Content/pc [L]	Weight./pal. (approx.) [kg]	Consumption/m <sup>2</sup> [L]
White	24	15	360	approx. 0.17 - 0.20 per coating
Toned C1 - C3	24	15	360	approx. 0.17 - 0.20 per coating

## Notes

### Storage

- Store tightly closed and frost-free.
- Protect from heat and direct sunlight.
- Quality is guaranteed in the original container until the date indicated by the printed batch number
- Explanation of the batch number: Number 1 = end number of the year, number 2 + 3 = calendar week Example: 5450013223 ; Storage period until the end of week 45 in 2025.

### Ingredients

- Architectural paints according to VdL guideline, polymer dispersion, silicone resin emulsion, titanium dioxide, calcium carbonate, talc, silicate fillers, water, glycol ether, additives, preservatives fillers, water, glycol ether, additives, preservatives

### Disposal

- Paint residues must be disposed of under the waste code AVV 080111 in accordance with local regulations.
- The dirty water from cleaning the tools must be disposed of properly

### Installation

- Brushing, rolling, airless spraying
- Clean tools with water at regular periods during application and immediately after use

### Occupational health and safety

- This product is a hazardous substance, observe safety data sheet
- Observe hazardous substance labelling.
- Wear gloves when painting
- When working with airless spraying, wear an appropriate protective mask.

## Installation

- This document is based on the German technical data sheet and is intended for general information purposes in an international context. National regulations and building codes must be additionally observed.

### Substrate

- The substrate must be solid, even, dry, clean and load-bearing and free of sintered layers, efflorescence and separating agents
- Damp or incompletely set substrates can lead to damage such as blistering and cracks in subsequent coatings.
- Check existing coatings for load-bearing capacity and remove non-load-bearing coatings if necessary
- Algae and fungal infestation must be removed before reworking

### Application temperature

- Lowest and highest substrate and air temperature: +5°C / +30°C
- The substrate temperature must be above the dew point temperature. The recommended difference is +3°C

### General processing

- Working time at +20°C: approx. 30 minutes
- Intermediate coat up to max. 5% diluted with water
- Top coat diluted with water up to max. 5%
- Adjust to application consistency with as little water as possible
- Stir well before application
- For machine application, the amount of water added must be adjusted to the respective machine/pump.
- Intense shades generally require less water to optimise the consistency of the material.
- If the material is diluted too much, processing and properties (e.g. hiding power, colour tone) will deteriorate.
- Not suitable for horizontal or inclined surfaces subject to weathering.

### Consumption

- Consumption per coat approx. 0.18 - 20 l/m<sup>2</sup>
- The material consumption depends, among other things, on the application, substrate and consistency. The indicated consumption values are average values and are therefore for guidance only. Exact consumption values may have to be determined on site.
- Two coats of Render M; MP; Base Guard absolutely necessary
- Drying is delayed accordingly in high humidity and/or low temperatures.
- In unfavourable weather conditions, suitable protective measures (e.g. rain protection) must always be taken on the facade surface to be treated or freshly applied.
- At +20 °C air and substrate temperature and 65 % relative humidity: Can be recoated after approx. 8 hours.

### Colour shade

- Check the material before application to ensure that it matches the colour ordered
- Slight colour deviations from previous deliveries are possible.
- Only use deliveries with the same batch number on one surface
- Different batches must be mixed before processing
- External influences can change the colour shade (direct sunlight, weather, substrate moisture)
- Mechanical stress can damage the fillers in the material and thus lead to light-coloured markings. This has no influence on the product quality

### Additional information

- When using airless devices, care must be taken to ensure that the material can be transported easily (e.g. through sufficiently dimensioned suction nozzles or pipe bends of the device) with filled paints.
- A permanent absence of algae and/or fungal infestation cannot be guaranteed.
- Appearance = matt (mineral)
- With coatings that are not yet completely dry, exposure to moisture (e.g. mist, dew ...) can release additives from the coating that may accumulate on the surface. The effect may be visible to varying degrees depending on the intensity of the color. This has no influence on the quality of the product. The effects generally disappear with further weathering.

☰ Caption

**other abbreviations**

- pal.** Pallet
- T&G** Tongue and Groove
- pac.** Packaging
- approx.** Approximately
- pcs.** pieces