

STEICO *secure* Color F

Facade paint



- Diffusion-open facade paint based on silicate silica sol without biocidal film protection
- Natural protective function against weather influences
- Can be mixed with (IR) „heat shield against solar heating for colour-intensive tones
- Two coats necessary

Application area



- Diffusion-open facade paint without biocidal film protection for exterior use (dispersion silicate paint)

Technical data

Reaction to fire	A2-s1, d0
Water vapour diffusion resistance factor μ	50 -70
Density [g/cm ³]	1,4 - 1,6
Diffusion-equivalent air layer thickness [m]	0,01 / V1 high
Water permeability rate w [kg/(m ² *h ^{0.5})]	< 0,1 (W3 low)
Grain size [μ m]	<100 / S1
Gloss	matt G3
Dry film thickness	150

Weight and packing

Supplied in handy buckets

Colour shade	Number/pal. [pcs.]	Content/pc [L]	Weight./pal. (approx.) [kg]	Consumption/m ² [L]
white	24	15	360	approx. 0.20 per coat
toned C1 - C3	24	15	360	approx. 0.20 per coat
toned IR C1 - C3	24	15	360	approx. 0.20 per coat

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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 coatings according to VdL guideline
- polymer dispersion
- titanium dioxide
- silicate fillers
- water
- hydrophobing agent
- thickener
- dispersing agent
- defoamer

Disposal

- Paint residues must be disposed of under the waste code AVV 080111 at the local recycling or reusable materials depot.

Processing

- 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 labeling.
- Wear gloves when painting
- When working with airless spraying, wear an appropriate protective mask.

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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

- Intermediate coat and top coat: can be diluted with water up to max. 10%.
- When preparing the material, adjust to application consistency with as little water as possible.
- Stir the material 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

- Two coats are necessary.
- Consumption per coat 0.15 - 0.20 l/m²
- 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.

Drying, curing, recoating time

- Drying is delayed accordingly at 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
- 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
- For lightness values of less than 25, additional finishing (IR) is required (to avoid the risk of cracking due to high surface temperatures).

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 and deposit them on the surface and accumulate on the surface. The effect may be visible to varying degrees depending on the intensity of the colour. This has no influence the quality of the product. The effects generally disappear with further weathering.

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☰ Caption

other abbreviations

pal. Pallet

T&G Tongue and Groove

pac. Packaging

approx. Approximately

pcs. pieces