

STEICO *secure* Render M (R)

Finishing plaster with grooved plaster structure



- Tempered mineral finishing render in accordance with EN 988-1 for STEICO*secure* ETICS with grooved render structure
- Suitable for all mineral substrates
- Suitable for external thermal insulation composite systems with mineral base coats

Application area



- Mineral finishing plaster with grooved plaster texture, for exterior use

Technical data

Reaction to fire	A1
Water vapour diffusion resistance factor μ	≤ 20
Mortar class	P II / CS2
Solid mortar bulk density [g/m ³]	1.30
Flexural tensile strength (28 days) [N/mm ²]	2.50
Compressive strength (28 days) [N/mm ²]	3.40
Dynamic modulus of elasticity (28 days) [N/mm ²]	4500.00
Water absorption [kg/m ²]	$< 0.5 (W_2) / c \leq 0.2$
Thermal conductivity [W/(m*K)]	≤ 0.83 for P=50 % / ≤ 0.93 for P=90%
Yield [L/t]	830
Processing time [min]	approx. 60 min with 20°C

Weight and packing

Delivery in handy sacks

Colour shade	Grain size	Number/pal. [pcs.]	Weight/pcs. [kg]	Weight./pal. (approx.) [kg]	Consumption/m ² [kg]
White	R 1.5	36	25.0	900	approx. 1.8
White	R 2.0	36	25.0	900	approx. 2.4
White	R 3.0	36	25.0	900	approx. 2.8
Toned C1 -C3	R 1.5	36	25.0	900	approx. 1.8
Toned C1 - C3	R 2.0	36	25.0	900	approx. 2.4
Toned C1 -C3	R 3.0	36	25.0	900	approx. 2.8

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Notes

Storage

- Store in a dry place
- This product is chromate-reduced or low in chromate.
- 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

- Calcium carbonate, cement, calcium hydroxide, polymer powder, white pigments, thickener, hydrophobing agent, fibres

Disposal

- Waste product must be disposed of in accordance with local regulations
- The dirty water from cleaning the tools must be disposed of properly

Application

- Even stripping to grain size with a stainless steel trowel.
- Structuring with a plastic trowel, sponge rubber disk or polystyrene board.
- Grain size 6.0 mm can be textured with a wooden trowel.
- The product can be sprayed with standard fine plastering machines.
- Clean tools with water at regular periods during application and immediately after use

Occupational health and safety

- This product is a hazardous substance, observe the safety data sheet
- Wear a dust mask in case of high dust formation (mixing)
- Use gloves when applying the compound
- Observe hazardous substance labelling
- Observe the safety data sheet

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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 sound, 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 or cracks in the subsequent coatings.
- Check existing coatings for load-bearing capacity. Remove coatings that are not load-bearing.
- Substrate pre-treatment with primer is recommended.
- The material consumption depends, among other things, on processing, substrate and consistency.

Application

- Lowest substrate and air temperature: +5°C
- Upper substrate and air temperature: +30°C

General processing

- Mixing ratio: 7.0 l water per 25 kg
- Working time at +20°C: approx. 60 minutes
- When preparing the material, add water and ready-mixed dry mortar. Mix for approx. 2 minutes, then leave to mature for approx. 5 minutes and then mix again for approx. 30 seconds.
- Do not use unprotected in the plinth area

Drying, curing, recoating time

- The drying time depends on the temperature, wind and relative humidity.
- Suitable protective measures must always be taken in unfavourable weather conditions. (e.g. rain protection)
- Curing takes approx. 1 day per mm layer thickness, depending on weather conditions.
- At +20 °C air and substrate temperature: Can be recoated after approx. 24 - 48 hours.
- In cold, damp weather, efflorescence is possible with all hydraulically setting renders. These are not technical-functional defects and are not objectionable.

Consumption

- The material consumption depends, among other things, on processing, substrate and consistency. The stated consumption values are average values and are therefore for guidance only. Exact consumption values may have to be determined on site.

Certificates and quality management



☰ Caption

other abbreviations

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