



Technical Data Sheet Art. No. 0408

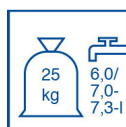
Fine Render

Mineral surface filler, fine render and reinforcement mortar

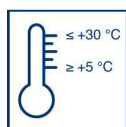
Can be felted. For mineral substrates when repairing render and facades



For use indoors and outdoors



Dry mortar / water



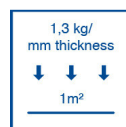
Working temperature



Mixing time



Mortar cover / filling knife / trowel application



Total application rate per mm thick layer



Shelf-life



Protect from moisture!

Range of use

- Remmers Fine Render is used as a surface and smoothing filler on mineral substrates and undercoat renders in indoor and outdoor areas
- For repairing facades, plinths and interior wall surfaces in new and old buildings and heritage buildings
- For the production of fine, closed render surfaces that are ready for painting or wall paper
- For repairing cracks with bedded reinforcement fabric and covered with a layer of Fine Render
- As a smooth, fine render coating for Remmers Bonding Mortar when repairing facades

Property profile

Remmers Fine Render is a factory-mixed, fine-grain, mortar.

- Very smooth, easy to work and can be felted
- Stable, high yielding and strong adhesion
- For single layers from 2 to 5 mm thick

Characteristic data of the product

Colour:	off-white
Bulk density:	approx. 1.2 kg/dm ³
Largest grain:	0.5 mm
Working time:	approx. 2 hours
Compressive strength:	CS II
Dry density:	approx. 1.3 kg/dm ³
Water vapour diffusion:	$\mu \leq 25$ (2 mm thick layer)
Reaction to fire (DIN EN 998):	Euroclass A1

- Water repelling, highly water vapour permeable
- Resistant to water, weather and frost

Substrate

The substrate must be mineral, load-bearing and free of substances that could interfere with the adhesion of the render (e.g. loose material, dust, sanding, efflorescence, dirt).

Repair detached render surfaces first with Remmers Bonding Mortar S (Art. No. 0519). Coat cracked render surfaces with Fine Render, using Remmers Reinforcement Fabric 5/100 (Art. No. 3880). Pre-wet the substrate (use de-tensioned water for hydrophobized substrates) before applying Fine

Render. The render base should be matt damp.

Directions

■ Fine render coating that can be felted

Pour **6.0 l of water** into a clean container (mortar tub) and add **25 kg Fine Render**. Mix thoroughly with mixing equipment/mixing paddle (e.g. BEBA double shaft positive mixer) for approx. 3 min. until homogeneous and the proper consistence for working has been achieved. After the render base has been pre-treated, apply Fine Render by hand with toothed trowel or float, then smooth.

Fine Render can be applied in a layer from 2 to 5 mm thick. After 30

to 60 minutes, the render can be felted. Work should be carried out wet-on-wet.

■ Reinforcement mortar with a layer of fabric

To produce a reinforcement mortar, pour **7.0-7.3 litres of water per 25 kg bag Fine Render** and mix as described above.

To bed reinforcement fabric, apply Fine Render with a 6/8 toothed trowel, lay the reinforcement fabric in the render, then level the surface with a smoothing float. Make sure that the reinforcement fabric should be overlapped 10 cm. The thickness of the reinforced layer made of Fine Render must be at least 2.5 mm thick; the fabric must lie in the upper area and be covered at least 1 mm thick with Fine Render.

Before continuing work, e.g. coating or wallpaper, a standing time of 1 day/mm should be observed.

Notes

Initially set mortar cannot be made workable again by adding water or fresh mortar. Do not use if the temperature of the air, substrate and building material is below +5 °C or above +30 °C.

The characteristic data given for this product were determined under laboratory conditions at 20 °C and 65 % relative humidity. Low temperatures increase, high temperatures reduce working and setting time.

May contain traces of pyrite or iron sulphide.

Protect from drying out too quickly, especially in sunlight and wind outdoors and in drafts and thermal

loads indoors. If necessary, moisten subsequently with misted water.

Do not use on gypsum substrates.

Tools, cleaning

Mixing equipment, double shaft mixer, mixing paddle, float, wood or felt float, trowel.
Clean tools with water while the material is still fresh.

Packaging, application rate, shelf-life

Packaging:

25 kg paper bags

Application rate - dry mortar:

Approx. 1.3 kg/m²/mm thick layer; on average approx. 3.5 kg/m²

Shelf-life:

At least 12 months stored dry in closed bags

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.



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GBI P42-1
EN 998-1: 2010-12

Feinputz

Designed rendering/plastering mortar without special characteristics

Reaction to fire:	class A1
Adhesion:	≥ 0,08 N/mm ² (fracture pattern B)
Water absorption:	W 1
Water vapour permeability:	μ ≤ 25
Thermal conductivity (λ10,dry):	≤ 0,83 W/(m*K) for P=50% ≤ 0,93 W/(m*K) for P=90%
Durability (against freeze-thaw):	Resistant, by use acc. TDS
Dangerous substances::	NPD

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Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

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