

## Technical Information Sheet Article No. 0400

# Preparatory Mortar

Sulphate resistant spritz used as an adhesive primer for subsequently applied render

Spritz according to WTA Code of Practice 2-9-04/D and DIN EN 998-1 or DIN V 18550

Test Certificate and external supervision by the Quality Association for Natural Stone, Lime and Mortar, Cologne

### Range of use

Remmers Preparatory Mortar is a part of the Remmers Kiesol Waterproofing System and/or the Remmers Restoration Render System.

- **For preparing the render base before mineral renders are applied (e.g. Remmers Restoration Renders)**
- **For normalising differing absorption behaviour of the render base, e.g. on porous brick, natural stone or mixed masonry work**
- **As a bonding layer for dense or poorly absorbent render bases, e.g. interior waterproofing, concrete, dense and smooth brick**

### Property profile

**Remmers Preparatory Mortar** is a factory-mixed, dry mortar that is ready to use after mixing with water and sets hydraulically.

- **Easy to work and highly adhesive.**
- **Sulphate resistant binder according to DIN 1164**
- **Normalises the absorption behaviour of the render base and provides good anchorage for subsequent layers of render.**
- **Resistant to water, weather and frost, water vapour permeable**

### Characteristic data of the product

Bulk density:	approx. 1.7 kg/dm <sup>3</sup>
Colour:	grey
Quality control:	composition and quality
Compressive strength:	> 6 N/mm <sup>2</sup> (CS IV)
Behaviour under fire:	Building material class A 1
Water penetration depth:	after 1 h > 5 mm
Water vapour diffusion resistance coefficient $\mu$ :	approx. 15

### Directions

Pour approx. 6 litres of water (when using Remmers Haftfest, use 6 litres of mixing water consisting of 5 litres water and 1 litre Remmers Haftfest) into a clean container, add 30 kg Remmers Preparatory Mortar and mix with a mixing paddle until homogenous and the proper working consistency has been achieved.

**Working time: approx. 1 hour**  
After any necessary preliminary treatment of the render base has been executed, throw on mixed Remmers Preparatory Render as a bonding layer (max. 5 mm) thinly and net-like. Surfaces with strong absorption behaviour and mixed masonry should receive a full surface spritz; smooth and dense surfaces a nodular spritz. On render bases that are pre-treated with mineral waterproofing grout, throw on Remmers Preparatory Render full cover over the last fresh layer of grout. Adhesion on smooth and dense surfaces can be improved by

adding Remmers Haftfest. Allow to set for at least 24-48 hours before applying subsequent layers of render.

**Attention:** Do not use Preparatory Mortar to fill out unevenness! Initially set mortar cannot be made workable again by adding water or fresh mortar.

### Substrate

The render base must be cementitious, load bearing and free of substances that could interfere with adhesion of the spritz (e.g. release agents, loose material, dust, sanding, efflorescence, dirt). Remove old coats of paint or coatings, using e.g. the Micro-Soft Blasting Technique, sandblasting, water-sandblasting. Pre-wet absorbent, dry substrates until matt damp!

**Notes**

Do not use at temperatures below + 5 °C. Lower temperatures accelerate; higher temperatures reduce working and setting time. Protect Remmers Preparatory Mortar from drying out too quickly, especially in sunlight and wind, indoors from drafts and thermal loads. If necessary, moisten subsequently once or even several times with water. Do not use on gypsum substrates. When executing the spritz, observe DIN 18 550 as well as the instructions given by the producer of the wall building material.

**Tools, cleaning**

Mixing equipment, mixing paddle, trowel.  
Clean tools and equipment with water while the material is fresh.

**Packaging, application rate, shelf-life**

**Packaging:**  
30 kg paper bags

**Application rate:**  
Approx. 1.6 kg/m<sup>2</sup> per mm thick layer, full cover approx. 4-6 kg/m<sup>2</sup>.

**Shelf-life:**  
Approx. 12 months stored dry in closed bags on wooden grids, protected from moisture.

**Safety, ecology, disposal**

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



<b>CE</b>	
Remmers Baustofftechnik GmbH B. Remmers - Str. 13 D - 49624 Lönningen	
06 EN 998 - 1 Remmers Preparatory Mortar - WTA Spritz/normal render mortar CS IV for interior and exterior use	
Behaviour under fire:	A 1
Water absorption	W 0
Water vapour permeability μ:	= 18
Adhesive pull strength:	= 0.08 N/mm <sup>2</sup> (at rupture B)
Durability	NPD

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

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.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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