

WP DS [basic]

- Waterproofing Slurry -

Rigid mineral waterproofing slurry for new buildings

Colour	Availability	
	Quantity per pallet	36
	Size / Quantity	**25 kg**
	Type of container	Paper bag
	Container code	25
	Art. no.	
grey	0405	■

Application rate

Approx. 1.6 kg/m²/mm layer thickness



Range of use



- Waterproofing of reservoirs against inside water pressure
- Damp proofing for below ground waterproofing measures
- On mineral substrates

Property profile

- Water pressure tight
- Very good adhesion to the substrate
- Enables water vapour diffusion

Characteristic data of the product

Water requirement	20-21% equivalent to approx. 5.0 - 5.3 l/25 kg
Water absorption	W_c2
Water vapour diffusion resistance coefficient μ	< 200
Water vapour permeability	< 200
Compressive strength (28 d)	Approx. 30 N/mm²
Flexural tensile strength (28 days)	Approx. 6 N/mm²

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Additional information

- **Sustainability Data Sheet**

Possible system products

- **Kiesol MB (3008)**
- **Kiesol (1810)**
- **WP DS Levell (0426)**
- **MB 2K (3014)**
- **Remmers PMBCs**

Preparation

- **Substrate requirements**
  Clean, dust-free and capable of supporting a load.

- **Substrate preparation**

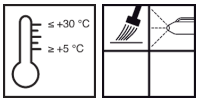
In the floor-wall connection remove screed for a width of approx. 20 cm.
Break off or chamfer corners and edges.
Coves must be rounded out.
W1-E: seal pipe penetrations by using the product to form a cove around them.
Primer
Prime absorbent mineral substrates with Kiesol MB.

Production of the mixture



Mixing
Pour water into a clean container and add dry mortar.
Mix thoroughly with a mixer for approx. 3 minutes until homogeneous.
Maturing time approx. 2 minutes
Mix again and, if needed, add a small quantity of water.

Directions



Conditions for use
Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.
Low temperatures increase, while high temperatures decrease the working and setting time.

Working time (+20 °C)
Apporx. 60 minutes

Immediately after mixing, apply the material making sure the entire surface is covered.

Damp proofing
Apply one layer on the previously prepared surface.

Application of render
Apply the waterproofing as additional grout layer and then throw on SP Prep (Preparatory Mortar) wet-on-wet.

Waterproofing
Once mixed, apply the product in several layers, working fresh-on-fresh and ensuring there are no gaps.

Tips on use

Do not use in direct sunlight.
The maximum total wet coat thickness must not exceed 5 mm.
Protect the fresh waterproofing layer from rain, direct sunlight, frost and condensation water.
Once dry, protect from mechanical damage.
Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
Please contact Remmers Technical Service (phone +49 5432 83900) before applying with machine processing.

Application examples

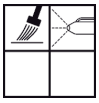
Layer thicknesses and application rates

Type of exposure	Min. layer thickness (mm)	Application rate - fresh mortar (kg/m²)	Application rate - powder (kg/m²)	Yield 25 kg (m²) (paper bag)
Water reservoirs with a water depth of up to 10 m	≥ 3.0	approx. 6.0	approx. 5.0	approx. 5.0

Notes

The mixing water must be of drinking water quality.
May contain traces of pyrite (iron sulphide).
Low chromate content in accordance with Directive 2003/53/EC.
Always set up a trial area/trial areas first.
The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.
Special agreements and certificates of suitability can be downloaded online at www.remmers.com.

Tools / Cleaning



Mixing equipment, wide brush, grouting broom

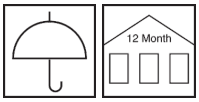
Clean tools with water while the material is still fresh.

Remmers tools

- **Mischgefäß (4030)**
- **Schlämmbürste (4517)**
- **Collomix® Stirrer KR (4292)**

Storage / Shelf life

If stored in an unopened container and in a dry place, the product will keep for approx. 12 months.



Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

Disposal

Larger product residues must be disposed of in the original packaging in accordance with the applicable regulations. Must not be disposed of with household waste. Avoid product release, e.g. through dust, during use. Completely empty packaging must be recycled.

Declaration of performance

Declaration of performance

Declaration of conformity

CE

Remmers GmbH
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25
GBI-P 142
EN 998-1: 2017-02
0405

Designed rendering/plastering mortar with a dry hardened density ≤ 1300 kg/m³

Reaction to fire class:	B2 or E
Adhesion:	≥ 0.5 N/mm² (fracture pattern B)
Water absorption:	W_c2
Water vapour permeability (μ):	≤ 200
Thermal conductivity ($\lambda_{10,dry,\ mat.}$)	1.11 W/(m*K)
for P = 50%:	
Durability (against freeze-thaw):	≥ 0.5 N/mm² (fracture pattern B)
Dangerous substances:	NPD

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never be binding, even though it is provided to the best of our knowledge In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.