WP DS [basic]

- Waterproofing Slurry -

Rigid mineral waterproofing slurry for new buildings

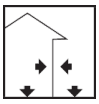
Colour	Availability	
	Quantity per pallet	36
	Size / Quantity	**25 kg**
	Type of container	Paper bag
	Container code	25
	Art. no.	
grey	0405	■

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



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 coefficient w24	< 0.1 kg/(m²h$^{0.5}$)
Water vapour diffusion resistance	μ < 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.

Certificates

- ABP MDS_P-5104/844/08 MPA BS

Possible system products

- SP Prep (0400)
- 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.

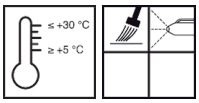
W1-E: seal passing-through pipes by using the product to form a cove around them.
Primer
Prime absorbent mineral substrates with Kiesol MB.

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

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

- 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.

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

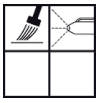
Layer thicknesses and application rates for application indoors and outdoors

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.
Deviations from applicable regulations must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.
The special agreements as well as test certificates can be downloaded online at www.remmers.com.

Tools / Cleaning



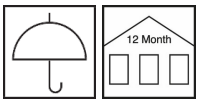
Mixing equipment, wide brush, grouting broom

Clean tools with water while the material is still fresh.

Remmers tools

- Mischgefäß (4030)
- Schlämmbürste (4517)
- Heizkörperpinsel (4541)
- 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 quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.