WP Sulfatex

- Sulfatex Grout -

Rigid mineral waterproofing grout with high resistance to sulphate

Colour	Availability	
	Quantity per pallet	36
	Size / Quantity	**25 kg**
	Type of container	Paper bag
	Container code	25
	Art. no.	
grey	0430	■

Application rate

Approx. 1.6 kg/m²/mm layer thickness

Range of use

- Subsequent waterproofing of basements from the interior
- Subsequent plinth waterproofing
- Waterproofing of reservoirs against inside water pressure
- Damp proofing for below ground waterproofing measures
- Salt-loaded substrates
- WW waterproofing slurry as per DIN 19573

Property profile

- Very low emissions (GEV-EMICODE EC1^{PLUS}-R)
- Water pressure tight
- High sulphate resistance and low active alkali content (SR/NA)
- Very good adhesion to the substrate
- Enables water vapour diffusion
- Chemical resistance according to DIN 4030 up to level of attack: XA2

Characteristic data of the product

Water requirement	20-21% corresponding to 5.0 l /25 kg
Water absorption coefficient w24	< 0.1 kg/(m²h$^{0.5}$)
Water vapour diffusion resistance	< 200
Chemical resistance	XWW1 - XWW3 as per DIN 19573
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

› **MB 2K (3014)**
› **Kiesol (1810)**
› **Kiesol MB (3008)**
› **Kiesol C [basic] (0727)**
› **Remmers Restoration Renders**
› **WP Top [basic] (0428)**
› **Sulfatex Liquid (0663)**
› **WP DS Levell (0426)**

› **Remmers PMBCs**

Preparation

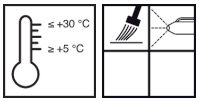
Substrate requirements
Mineral, stable, clean and dust-free.
Remove all traces of any non-mineral layers that impair adhesion (e.g. paints), gypsum-based plaster or mortar residue.
Pre-wet highly absorbent substrates.

Substrate preparation
Remove render and/or coatings at least 80 cm above the damaged area.
Finish the connecting area between the wall and floor in accordance with WTA Code of Practice 4-6 "Subsequent waterproofing of building elements with ground contact".
Break off or chamfer corners and edges.
Use a suitable mortar to form inner corners as sealing coves.
Salt inhibitor
Pre-treat salt-contaminated substrates with Sulfatex LQ and Salt IH.
Exterior priming:
Prime mineral substrates with Kiesol (1:1 with water)/Kiesol MB.
Interior priming:
Prime mineral substrates with Kiesol (1:1 in water).

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)
Approx. 60 minutes

Apply at least two layers of the material.
Bonding layer before render application
Apply another slurry layer of the product and apply render wet-on-wet.
Alternative: apply a slurry layer of the product, throw on SP Prep, apply render once dry.

Tips on use

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

Application examples

Water impact classes (DIN 18533/18535) Water impact (WTA Code of Practice 4-6)		Dry layer thickness (mm)	Application quantity of fresh mortar (kg/m²)	Powder application rate (kg/m²)	Yield 25 kg (m²)
W1-E*	Ground moisture and non-pressing water	≥ 2	approx. 4.0	approx. 3.2	approx. 7.5
W2.1-E**	Moderate impact of pressing water ≤ 3 m immersion depth	≥ 3	approx. 6.0	approx. 4.8	approx. 5.0
W3-E*	Non-pressing water on earth-covered slabs	≥ 3	approx. 4.0	approx. 3.2	approx. 7.5
W4-E*	Splashing water and ground moisture at the wall base, and capillary water in and under walls	≥ 2	approx. 4.0	approx. 3.2	approx. 7.5
W2-B**	Water impact in tanks with a fill level ≤ 10 m	≥ 3	approx. 6.0	approx. 4.8	approx. 5.0

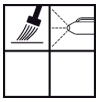
* Apply in two layers

** Apply in three layers

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.
The relevant test certificates must be observed when planning and carrying out work.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
Special agreements and certificates of suitability can be downloaded online at www.remmers.com.

Tools / Cleaning

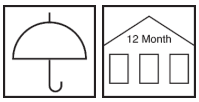


Mixer, ceiling brush, slurry broom
Clean tools with water while the material is still fresh.

Remmers tools

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

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.

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.