



WP Sulfatex rapid

- Sulfatex Rapid Filler -

Quick-setting waterproofing mortar for grouting and filling with high sulphate resistance



Colour	Availability
	Quantity per pallet 30
	Packaging unit 25 kg
	Type of container Paper bag
	Container code 25
	Art. no.
grey	0429 ■

Application rate



Approx. 1.6 kg/m²/mm layer thickness as grouting

Approx. 1.7 kg/m²/mm layer thickness as filler

Approx. 1.7 kg/m sealing cove

Apply to a large enough trial area to determine the precise amount required.

Range of use



- Subsequent waterproofing of basements from the interior
- Subsequent plinth waterproofing
- Damp proofing for below ground waterproofing measures
- Waterproofing of reservoirs against inside water pressure
- Quick, waterproof repair of defective areas
- Joint and surface filler
- Production of sealing coves
- Salt-loaded substrates

Property profile

- Single-layer coating thickness up to 50 mm
- High sulphate resistance and low active alkali content (SR/NA)
- Fast curing
- Water pressure tight
- Grouting to filling consistency can be adjusted by adding water

Characteristic data of the product



Water requirement	3.5 - 5.5 l/25 kg
Water absorption coefficient w ₂₄	< 0.1 kg/(m ² h ^{0.5})
Water vapour diffusion	μ < 200
Flexural tensile strength (28 days)	Approx. 5 N/mm ²
Compressive strength (28 d)	Approx. 20 N/mm ²
Final set	Approx. 60 minutes

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

Certificates

- > [AbP P-5250/931/11 mineral waterproofing grouts, MPA BS](#)
- > [Test report 5227/908/11b rear water pressure, MPA BS](#)

Possible system products

- > [Kiesol \(1810\)](#)
- > [MB 2K \(3014\)](#)
- > [WP DS Level \(0426\)](#)
- > [SP Prep \(0400\)](#)
- > [Remmers PMBCs](#)

Preparation

■ **Substrate requirements**

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

■ **Substrate preparation**

Remove render and/or coatings at least 80 cm above the damaged area.

In the floor-wall connection remove screed for a width of approx. 20 cm.

Remove projecting seams and mortar remains.

Break off or slope corners and edges.

Coves must be rounded out.

Seal passing-through pipes by using the product to form a cove around them.

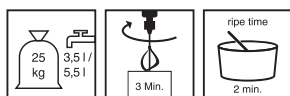
Primer for untreated surfaces

Apply Kiesol (1:1 with water) without pressure and avoiding nebulisation moving horizontally along the surface from top to bottom. Proceed by priming one limited area at a time.

Immediately remove the product in excess.

All follow-up working steps must be carried out wet-on-wet.

Production of the mixture



■ **Mixing**

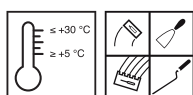
Pour water into a clean container and add dry mortar.

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)**

Approx. 30 minutes

Bonding layer

Apply product in a grouting consistency as a bonding layer.

Levelling

Apply product in a filler consistency to the wet bonding layer.

The following layer is applied as soon as the preceding one can no longer be damaged.

Grout waterproofing according to PG-MDS

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

Surface waterproofing

Apply two layers for waterproofing against ground damp.

Apply three layers for waterproofing against water pressure.

The following layer is applied as soon as the preceding one can no longer be damaged.

Horizontal waterproofing in and below walls

Apply the material in two layers on the previously prepared substrate.

The following layer is applied as soon as the preceding one can no longer be damaged.

Damp proofing

Apply one layer on the previously prepared surface.

Filler waterproofing

Apply at least two layers of the product as a filler.

The following layer is applied as soon as the preceding one can no longer be damaged.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.

Long waiting times for subsequent layers should be avoided.

Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.

Eliminate all sources of moisture before commencing repairs.

As water loads can vary, we recommend application in 3 layers.

Application examples

Layer thicknesses and application rates for use indoors and outdoors



Load group	Minimum layer thickness (mm)	Application quantity of fresh mortar (kg/m ²)	Powder application rate (kg/m ²)	Spreading rate 25 kg (paper bag) (m ²)
Waterproofing in and under walls	≥ 2.0	approx. 4.0	approx. 3.2	approx. 7.5
Splashing water/plinth waterproofing	≥ 2.0	approx. 4.0	approx. 3.2	approx. 7.5
Soil moisture and non-pressing water	≥ 2.0	approx. 4.0	approx. 3.2	approx. 7.5
Standing seepage water and pressing water	≥ 3.0	approx. 6.0	approx. 4.8	approx. 5.2
Water containers with water depths up to 10 metres	≥ 3.0	approx. 6.0	approx. 4.8	approx. 5.2

Water load and layer thicknesses

Type of water load	Minimum layer thickness in mm	Fresh mortar application rate (kg/m ²)	Powder application rate (kg/m ²)
Soil moisture, non-standing seepage water (2 coats)	2	4	3.2
Standing seepage water and pressing water (3 coats)	3	6	4.8

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.

The characteristic data of the product were calculated under laboratory conditions at 20°C and 65% relative humidity.

Solutions that diverge from current regulations must be agreed on separately. The "Guideline on planning and execution of waterproofing measures of building elements with mineral waterproofing grouts", published by Deutsche Bauchemie, 1st edition, May 2002 must be observed.

The relevant test certificates must be observed when planning and carrying out work. Always set up a trial area/trial areas first.



Tools / Cleaning

Mixer, soft wide brush, ceiling brush, trowel, spreader or jointing iron



Clean tools with water while the material is still fresh.

Storage / Shelf life

Dry, in unopened containers, 6 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.

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