

Technical Information Sheet Article No. 0426

Waterproofing Filler

High quality waterproofing filler for fast and reliable restoration of buildings

Fast setting system product for Remmers Sulfatex Grout Rapid

Range of use

- For water tight, fast repair of broken out areas, indentations, missing areas, holes and pipes on mineral substrates when restoring buildings
- As a water tight joint and surface filler to level deeper lying joints and rough surfaces on masonry work
- For fast production of sealing covers along floor-wall transition areas

Property profile

Remmers Waterproofing Filler is a high quality, mineral, factory-mixed dry mortar that is state-of-the-art technology and sets rapidly. Buildings can be waterproofed and substrates repaired in just a single working operation, wet-on-wet, allowing faster work and cost savings.

- Fast restoration in just one day!
- Easy and fast to work on substrates with differing absorption behaviour (sand-lime brick, brick and concrete)
- Very smooth and stable even in thicker layers
- Waterproofing and repairs (e.g. joints, holes, broken out areas) are levelled in just a single working operation!
- In layers up to 50 mm thick

Characteristic data of the product in the packaged state

Mixing ratio:	3.5 to 3.8 litres of water to 25 kg powder
Water added:	14 to 15 % by weight
Consistence:	filling consistence
Working time:	30 - 45 min.
Working temperature:	+5 °C to +30 °C
Gross density of fresh mortar:	≈ 1.9 kg/l
Strength according to DIN:	
Compressive strength:	28 days approx. 25 N/mm ²
Tensile bending strength:	28 days approx. 8 N/mm ²
Capillary water absorption:	w-24 < 0.1 kg/m ² · h ^{0.5}
Water vapour diffusion:	μ value < 200
Resistance to chemicals according to DIN 4030:	up to very strong

- Wet-on-wet technique with Sulfatex Grout Rapid
- Fast, crack-free setting
- Adheres extremely well to the substrate, forming a bond
- Render can be applied or render panels attached after 2-3 hours
- Water impermeable even with water pressure load
- Resistant to water, frost and sulphates
- Promotes drying since the grout is vapour permeable

Preparing the Substrate

All wall and floor substrates must be sound, load-bearing, and free of substances with a separating effect as well as loose, soft

material. The substrate should be cleaned and old coatings removed from the entire surface, e.g. by mist blasting (Rotec), also mechanically in small, hard to reach areas.

Pre-seal partial leaking areas with water inrush in masonry work with Kiesol and Aida Waterstop. If there is water inrush in cracks in concrete and/or the floor connection, inject with PUR Injection Resin otherwise use PUR Injection Resin 2K.

Depending on moisture content and absorbency, the substrate may need to be pre-wet. Highly absorbent masonry work (e.g. dry sand-lime brick) should be pre-wet several times in advance!

Adhesive grout and Waterproofing

Filler should always be applied to matt damp but not shiny wet substrates.



Waterproofing and restoring

Waterproofing Filler is a system product for fast waterproofing and restoration and is used in combination with Sulfatex Grout Rapid and Kiesol.

Priming: Kiesol diluted 1:1 with water is sprayed over the entire surface of the matt damp, clean substrate, avoiding excess material running down. After a short waiting time (at least 15 min.), work can be continued.

Adhesive grout: Mix Sulfatex Grout Rapid which is used as an adhesive grout, wet-on-wet, under Waterproofing Filler!

Repair filler: Depending of the desired consistence, pour 3.5 to 3.8 litres of water into a clean container and add 25 kg Waterproofing Filler. Mix intensively with a mixer/mixing tool for approx 3 minutes until homogenous. For partial amounts, mix in a ratio of 1 part by volume water to 4.5 parts by volume powder. Allow to mature for 2 minutes; then stir again until a smooth consistence proper for filling has been achieved.

Repairing: In indented areas, e.g. broken out stone, chased out soft joints, missing areas, gravel pockets or coarse surface texture, brush on Sulfatex Grout Rapid as a **bonding layer**. Then, **wet-on-**

wet, fill with **Waterproof Filler** (even several centimetres thick). The repaired areas can be immediately levelled with a float, trowel, grated scraper or jointing iron to achieve a closed surface for the following layer of waterproofing.

Place a sealing cove, wet-on-wet, along the wall-floor connection over the fresh layer of adhesive grout made of Waterproofing Filler.



The quantity of water to be added should be observed!

When closing individual areas to be repaired and for the production of a sealing cove, we recommend using a more stable mortar (3.5 litres of water/bag) and a somewhat smoother consistence for filling rough surfaces (3.8 litres of water/bag).

The surface can be waterproofed with Sulfatex Grout Rapid after just 15-30 minutes (see the Technical Information Sheet for Sulfatex Grout Rapid).

Waterproofing Filler is a fast restoration product and the individual working sequences must be therefore coordinated with the working time (30-45 minutes, depending on temperature).

Notes

Do not use at temperatures below +3 °C or on frozen substrates. After the waterproofing has been concluded, check for missing areas. Protect from weather (sun,

wind, rain, frost) and keep damp for 24 hours (e.g. by covering with plastic sheet). Observe the "Guideline for Planning and Execution of Waterproofing on Building Elements with Mineral Waterproofing Grouts" issued by Deutsche Bauchemie as well as the WTA Code of Practice "Subsequent Waterproofing of Building Elements with Ground Contact". Attention should also be paid to performance specifications and building site conditions. When restoring old buildings, other sources of moisture should also be remedied, e.g. rising damp, by injecting with Aida Kiesol or waterproofing wall surfaces in contact with the ground from the exterior with Remmers Bitumen Thick Coatings.

Tools and Cleaning

Kiesol: K-surface sprayer
Sulfatex Grout Rapid: soft brush
Waterproofing Filler: float, trowel, grated scraper, jointing iron

Packaging, application rate, shelf-life

Packaging:
25 kg paper bags

Application rate:
1.7 kg powder Aida Waterproofing Filler per litre cavity volume or per mm thick layer/m²

Shelf-life:
At least one year stored dry in closed bags

Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

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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Remmers (UK) Limited Crawley
United Kingdom
Tel: +44(0) 845 373 0103
Fax: +44(0)845 373 0104
www.remmers.co.uk

Remmers (Far East) Pte. Ltd.
Singapore
Tel: +65 6 7410277
Fax: +65 6 7417158