



Technical Data Sheet Article No. 0429

Sulfatex Rapid Filler

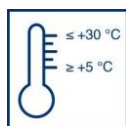
Waterproofing mortar in a grouting and filling consistency for fast and reliable waterproofing of buildings



For use
indoors and
outdoors



Dry mortar /
water



Working
temperature



Maturing time



Mixing time



Mortar cover /
filling knife /
trowel applica-
tion/ joint iron



Shelf-life



Protect from
moisture

Range of use

- For water tight, fast repair of broken out areas, indentations, missing areas, holes and pipes on mineral substrates
- For levelling deeper lying joints and rough surfaces
- For fast production of water tight hollow coves
- For restoring plinths and base-ment walls when moisture seeps through the surface
- For vertical waterproofing in areas with a subsequently placed horizontal barrier
- For horizontal waterproofing in and under walls against capillary rising damp
- For waterproofing floor slabs and external walls with ground contact against ground damp and non-standing seepage water
- For waterproofing external walls with ground contact against standing seepage water and water pressure up to a 3 m water column; for negative loads up to a 5 m water column
- For waterproofing tanks against internal water pressure up to a filling height of 4 m in indoor and outdoor areas

Characteristic data of the product

Working time:	approx. 30 min.
Set after:	approx. 1 hour
Apparent specific gravity of fresh mortar:	~ 1.9 kg/l
Compressive strength after 24 hours:	> 10 N/mm ²
Flexural tensile strength after 28 days:	> 20 N/mm ²
Tensile bending strength after 28 days:	> 6 N/mm ²
Water absorption coefficient w ₂₄ :	< 0.1 kg/m ² * h ^{0.5}
Water vapour diffusion μ:	< 200

Property profile

- Remmers Sulfatex Rapid Filler is a high quality, mineral, fast setting, dry-mix mortar based on the newest technology.
- Substrate repairs and building waterproofing can be executed in just one day!
- The consistence is adjusted by the quantity of water added, from grout to a filler consistence
- Easily and quickly applied to sand-lime brick, brick and concrete substrates
- Very smooth and stable, even in thicker layers
- Repairs (e.g. joints, holes, broken out areas) and levelling in just one working operation!

- Full-surface layers can be applied up to 20 mm thick and up to 50 mm in indentations
- Very fast development of strength
- Sets crack-free
- Resistant to water and frost
- Water vapour diffusion-open
- National Test Certificate for building waterproofing (PG-MWG)

Substrate

The substrate must be sound and load-bearing. Remove loose material that could interfere with adhesion and cement grout by sand-blasting, bush hammering, or similar treatment. Pre-seal partial leaking areas with water inrush in masonry with Ki-

esol and Remmers Rapid Hardener. Highly absorbent masonry (e.g. dry sand-lime brick) should be pre-wet several times in advance!

Deep protection primer

Spray Kiesol diluted 1:1 with water over the entire matt damp, still slightly absorbent substrate. No excess material should run off. Work must be continued after a short waiting time.

Directions

Work should always be continued on the matt damp but not shiny wet substrate.

■ Levelling/building waterproofing as a filler

As preparation for levelling, mix a bag (25 kg) with 5.5 l of water for approx. 3 min. until homogenous for use as a bonding layer. After approx. 2 min., mix the grout briefly again and apply to the primed substrate with a brush. Material mixed as a filler (mixing ratio 3.5 to 4.5 l of water to 25 kg powder) is applied to the bonding layer. Afterward, the waterproofing can be applied in a filling procedure (at least 5 mm thick).

■ Building waterproofing (in accordance with PG-MWG) as a grout

As an alternative after levelling, waterproofing can be carried out in a grouting procedure.

Pour **5.5 l of water** into a clean container (mortar tub) and add 25 kg Sulfatex Rapid Filler. Mix thoroughly for approx. 3 min with mixing equipment/mixing paddle until homogenous. After 2 more minutes, mix again briefly. Directly after mixing, apply the grout over the entire surface with a soft brush in a grouting procedure.

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.

After approx. 30 to 60 min. (depending on conditions at the building site), apply a second layer of grout as before.

For standing seepage water and water pressure loads, apply 3 layers of Sulfatex Rapid Filler.

The minimum application rate of the fresh grout is 2.5 kg/m² (≥ 1.5 mm thick dry layer) per working operation.

■ Sealing cove

To produce a sealing cove (radius 5 cm), the material is mixed with 4 l of water and applied to the fresh, first layer of grout.

If render is to be applied, Preparatory Mortar can be thrown on over the last fresh layer of grout as an option.

Notes

Do not use if the temperature of the air, substrate and building material is below +5 °C or above +30 °C. The characteristic data given for this product were determined under laboratory conditions at 20 °C and 65 % relative humidity with a water content of 16 %. Lower temperatures lengthen, high temperatures reduce working and setting time.

Check the finished coating for missing areas. Protect from weather (sun, wind, rain and frost) for at least 24 hours by covering with plastic sheets.

When refurbishing old buildings, other sources of moisture such as rising damp should be treated by injecting with Kiesol or by waterproofing external walls with ground contact with one of the Remmers thick coatings or Multi Tight 2K (Art. No. 3014). Only diffusion-open materials should be applied to Sulfatex Rapid Filler.

Since water loads may change, we always recommend the application of 3 layers of grout.

Please observe:

Once the filling compound has been mixed, also after the short maturing time, it should not be stretched further because of the beginning reaction!

May contain traces of pyrite or iron sulphide.

Tools, cleaning

Grout brush, trowel, float or joint iron.

Tools can be cleaned with water before the mortar sets.

Packaging, application and storage

Packaging:

25 kg paper bags

Application rate – dry mortar:

Approx. 1.5 kg power as a grout and approx. 1.7 kg as a filler per litre void or per mm thick layer/m² and approx. 1.7 kg/m sealing cove

Shelf-life:

At least 6 months stored dry in closed bags.

Safety, ecology, disposal

Further information on safety for transporting, storage and handling as well as disposal and ecology are found in the latest Technical Data Sheet.



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