



WP Top [basic]

- Repellent Render -

Mineral waterproofing render

Colour	Availability	
	Quantity per pallet	36
	Packaging unit	25 kg
	Type of container	Paper bag
	Container code	25
	Art. no.	
grey	0428	■

Application rate

Approx. 1.6 kg/m²/mm layer thickness or approx. 1.6 kg/dm³

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



Range of use



- **In exterior areas:**
 - Water-impermeable render and masonry mortar
 - Plinth render
 - Levelling under PMBC and MDS waterproofing
- **In interior areas:**
 - Waterproofing system for utility rooms
 - Waterproofing system beneath restoration renders

Property profile

- Water impermeable
- Stable
- Promotes drying
- High sulphate resistance and low active alkali content (SR/NA)
- Resistant to water, frost and weathering

Characteristic data of the product



Bulk density	Approx. 1.5 kg/dm ³
Water requirement	3.8 - 4.5 l/25 kg
Capillary water uptake	≤ 0.1 kg/(m ² min ^{0.5})
Reaction to fire	Class A1
Compressive strength	≥ 10 N/mm ² (corresponds to CS IV)
Resistant to pressurised water	≤ 1.0 bar without bonding bridge ≤ 1.5 bar with bonding bridge
Dynamic E-modulus	≥ 10000 N/mm ²
Bulk density of fresh mortar	Approx. 1.9 kg/dm ³
Maximum grain size	2 mm

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

Certificates

➤ [Test report 5371/108/14b_MPA TU Braunschweig](#)

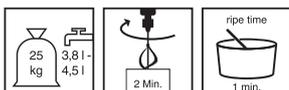
Possible system products

➤ [Kiesol \(1810\)](#)
 ➤ [MB 2K \(3014\)](#)
 ➤ [WP Sulfatex \(0430\)](#)
 ➤ [WP Top SLS \(0254\)](#)
 ➤ [Remmers Restoration Renders](#)
 ➤ [SP Prep \(0400\)](#)
 ➤ [WP Flex 1K \(0445\)](#)
 ➤ [PBD 1K \(0870\)](#)
 ➤ [PBD 2K \(0886\)](#)

Preparation

- **Substrate requirements**
Clean, dust-free and capable of supporting a load.
- **Substrate preparation**
Remove render, paint layers and coatings at least 80 cm above the damaged area.
Chase out friable joints to a depth of at least 2 cm.
Pre-wet the substrate so that it is slightly moist.
Substrate: absorbent with low strength
Apply product as a bonding layer > 50% opaque.
Substrate: weakly absorbent
Apply SP Prep (Preparatory Mortar) in nodules as a fully opaque bonding layer.
Alternative: apply product as a scratch coat (contact layer).
Substrate: mineral waterproofing grout
Apply SP Prep (Preparatory Mortar) in nodules to the last grouting layer while wet as a fully opaque bonding layer.

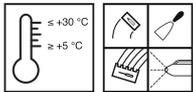
Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly and uniformly with a mixer for approx. 2 minutes until the proper consistency for working has been achieved.
Allow to mature for approx. 1 minute.
Then mix again for at least 1 minute until the proper consistency for working has been achieved.



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. 90 minutes

In exterior areas:

One-layer

Apply product using a suitable tool or machine.
 Single layer thickness 15 - 30 mm

Two-layer

Roughen the first layer with a render comb.
 Apply second layer once sufficiently dry.
 Layer thickness per coat 15 - 30 mm
 Level off surface with a long float.
 Finish the surface once set.
 Prepare the surface for subsequent layers with a grated scraper after sufficient setting.

In interior areas:

Create contact layer with WP Sulfatex.
 Apply product using a suitable tool or machine.
 Apply two layers of the product, making each layer at least 20 mm thick.
 For the subsequent filler layer, the surface must be roughened, e.g. with a grated scrape, once it has started to harden.

Condensate buffer

After 2 - 7 days apply the moisture-regulating filler Remmers WP Top SLS (0254) with a thickness of 5 mm.

Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
 Protect wet mortar surfaces against frost, rain and drying out too quickly for at least 4 days.
 Hairline/shrinkage cracks are safe and are not cause for complaint as they do not impair the properties of the mortar.
 Please contact Remmers Technical Service (phone +49 5432 83-153) before applying with machine processing.

Notes

May contain traces of pyrite (iron sulphide).
 Do not use on gypsum-based substrates.
 The mixing water must be of drinking water quality.
 Low chromate content in accordance with Directive 2003/53/EC.
 Always set up a trial area/trial areas first.
 Deviations from applicable regulations must be agreed separately.
 The relevant test certificates must be observed when planning and carrying out work.



Tools / Cleaning

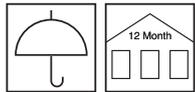


Mixer, smoothing trowel, trowel, wood float, plastic float, grated scraper, toothed comb, plasterer's float

Suitable machine technology

Clean tools with water while the material is still fresh.

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.

Declaration of performance

➤ [Leistungserklärung GBI P52-2](#)

CE marking



0921

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GBI P 52-1

EN 998-1: 2010-12

0428

Designed rendering/plastering mortar without special characteristics.

Reaction to fire:	Class A1
Adhesion:	≥ 0.4 N/mm ² (fracture pattern B)
Water absorption:	W2
Water vapour permeability:	μ ≤ 25
Thermal conductivity (λ _{10,dry}) (table value EN 1745):	≤ 0.83 W/(m·K) for P = 50% ≤ 0.93 W/(m·K) for P = 90%
Durability (against freeze-thaw):	Resistant, when used acc. TDS
Dangerous substances:	NPD



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.