



SP Prep

- Preparatory Mortar -

WTA-compliant preparatory mortar



Colour	Availability
	Quantity per pallet 30
	Size / Quantity 30 kg
	Type of container Paper bag
	Container code 30
	Art. no.
grey (inherent colour)	0400 ■

Application rate

Full coverage 4 - 6 kg/m²

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



Range of use

- Preparation of the substrate before applying mineral-based renders
- Equalising differences in the absorption properties of the substrate



Property profile

- Good adhesion to the substrate
- High sulphate resistance and low active alkali content (SR/NA)

Characteristic data of the product



Layer thickness	Max. 5 mm
Bulk density	Approx. 1.7 kg/dm ³
Water requirement	Approx. 5.0 l/30 kg
Water vapour permeability	$\mu \leq 15$
Water penetration depth	After 1 h > 5 mm
Reaction to fire	Class A1
Compressive strength (28 d)	CS IV (> 6.0 N/mm ²)
Maximum grain size	3.15 mm Aggregate as per DIN EN 13139
External surveillance	GG-Cert + WTA

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

Certificates

➤ [WTA Certificate](#)

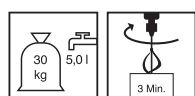
Possible system products

➤ [Kiesel \(1810\)](#)
➤ [ZM HF \[basic\] \(0220\)](#)
➤ [SP Top SL \[basic\] \(1050\)](#)
➤ [Remmers Restoration Renders](#)

Preparation

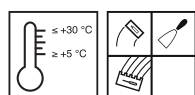
- **Substrate requirements**
Clean, dust-free and capable of supporting a load.
- **Substrate preparation**
Pre-wet absorbent substrates so that they are slightly damp.

Production of the mixture



- **Mixing**
Pour water into a clean container and add dry mortar.
Mix thoroughly for approximately 3 minutes 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. 60 minutes

Absorbent substrates

Apply as a net-like bonding layer (surface coverage 50-70%) in a layer thickness of max. 5 mm.

Interior waterproofing and substrates with low absorption capacity

Apply the product over the entire surface (100% coverage) in a layer thickness of max. 5 mm.



Tips on use

Once it has hardened, mortar must not be made workable again by adding either water or more wet mortar.
Do not use the material to level out uneven surfaces.
Apply render after 2-4 days.
Improve the adhesion on smooth and dense surfaces using ZM HF [basic] (Art. 0220).

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.

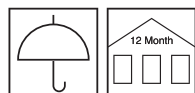
Tools / Cleaning



Mixing tool, trowel, steel broom, render coating sprayer, hopper gun

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

➤ [Declaration of performance](#)



Declaration of
conformity



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CE 06 / UKCA 21

GBI P 53-2

EN 998-1: 2017-02

0400

Designed rendering/plastering mortar without special characteristics

Reaction to fire:	class A1
Adhesion:	$\geq 0.08 \text{ N/mm}^2$ (fracture pattern B)
Water absorption:	W0
Water vapour permeability:	$\mu \leq 15$
Thermal conductivity (λ_{10} , dry):	$\leq 0.83 \text{ W/(m}\cdot\text{K)}$ for P = 50% $\leq 0.93 \text{ W/(m}\cdot\text{K)}$ for P = 90%
Durability (against freeze-thaw)	Resistant, by use 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.