

## TECHNICAL DATA SHEET

# 30875

## KLIMAKOMFORT PERLIT-SPACHTEL



### AREA OF APPLICATION

Mineral filler for filling defects, spalling, and board joints in the SÜDWEST KlimaKomfort system for mould remediation. Can also be used as a filler for adapting building components and creating wedge shapes.

### PROPERTIES

- High filling properties
- Good adhesion
- Very good non-sag properties
- Thermally insulating properties
- Water vapour diffusion open
- Mineral ready mixed dry render made from white Portland cement and perlite

**COLOUR SHADE:** white-grey

**CONTAINER:** 35 l/bag (equivalent to 5.5 kg/bag)

**COVERAGE:** depends on application conditions

Approx. 2 kg/m<sup>2</sup> as a guide value for full-surface application with a layer thickness of 1 mm

### TECHNICAL DATA:

|                                 |                         |
|---------------------------------|-------------------------|
| Bulk density of hardened mortar | ≤ 200 kg/m <sup>3</sup> |
| Grain size                      | Max. 2 mm               |
| Reaction to fire (EN 13501-1)   | A1, non-combustible     |

### AREA OF APPLICATION

#### GENERAL RULES:

The substrate must be prepared and the plastering work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets,

published by the German Federal Committee for Paints and the Protection of Objects. Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 "Painting and coating work". Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours.

Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary. All substrates must be clean, dry, load-bearing, and free from release agents.

Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion.

### SUBSTRATE

#### SUBSTRATE UNEVENNESS:

- Substrates with rising damp and/or building moisture are not suitable adhesive substrates.
- Resistance to driving rain as well as the impermeability of facade building elements close to the ground must be assured.
- Remove organic coatings from the substrate.
- Specific consideration in terms of building physics must be given to materials containing gypsum and plans must be made accordingly.
- Project-specific plans must be drawn up for timber wall stud structures and/or timber planking.
- Unevenness of the substrate can be levelled with SÜDWEST KlimaKomfort K+A Mörtel.
- Use in rooms exposed to moisture is only possible if the KlimaKomfort Perlit-Spachtel is able to release the

build-up of moisture before saturation point is reached.

#### SUBSTRATE PREPARATION:

##### SUBSTRATE SÜDWEST KLIMAKOMFORT PERLIT-PLATTEN

Sweep the boards with a soft brush until no more dust is raised.

#### MOULD-INFESTED SURFACES:

Pre-treat with SÜDWEST Schimmel-Fresser or SÜDWEST Fungan®, read the associated technical documentation.

#### WALLPAPERS:

Must always be removed, along with all traces of paste residue.

#### EXISTING COATINGS AND PLASTERS:

Check the resistance of non-organic existing coatings. Remove organic coatings. Check the resistance of plasters in mortar groups PG II and PG III. Carry out separate assessments of plasters in mortar groups PG IV and V for every project on a case-by-case basis.

### APPLICATION

Use a standard trowel or a plastering trowel to press the material into the defect/gap. Always fill defects or gaps all the way down to the substrate.

A single layer of plaster up to 5 cm thick can be applied in a single application cycle depending on consistency. Drying time is determined by material thickness and ambient conditions. The material can be sanded together with the board after drying (min. 24 hours).

#### MATERIAL PREPARATION:

Mix 1 kg of KlimaKomfort Perlit-Spachtel with approx. 1.7 l of cold clean water to form a smooth compound. The consistency of the material can be adjusted for the intended application by adding

water or KlimaKomfort Perlit-Spachtel. Stir the material by hand **only**.

#### APPLICATION TEMPERATURE:

Apply and leave to dry at an air or project temperature of between +5°C and +30°C. Direct sunlight can lead to crack formation and shrinkage.

#### DRYING

Suitable for sanding and over-coatable after min. 24 hours at +20°C temperature (air and substrate) and 65 % relative humidity.

#### SPECIAL INFORMATION

Special attention must be paid to water pipes when external walls are being insulated. There is a risk of damage to pipes if frost gets through the SÜDWEST KlimaKomfort Perlit-Platte and into the area in which they are installed.

Due to its porosity, KlimaKomfort Perlit-Spachtel cannot be used as a finishing plaster/finishing filler.

#### EC DIRECTIVE 2004/42/CE

This product is out of scope of the VOC Directive.

#### GISCODE ZP1

#### GENERAL SAFETY ADVICE

Good ventilation must be ensured while paints and varnishes are being applied and are drying. Keep away from food, drink, and animal feed. Avoid contact with skin and eyes. Do not breathe in dust during sanding work. Keep out of reach of children. Do not allow to enter ground water, bodies of water, or the sewer system in undiluted or large quantities. Further information and the current SDS are available at [www.suedwest.de](http://www.suedwest.de)

#### TECHNICAL CONSULTATION

Our sales representatives will be happy to answer any questions which have not been covered by this Technical Data Sheet. Our technical customer service team at the factory is also available to answer any detailed queries you may have. (06324/709-0)

#### DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account.

The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act responsibly. Our employees are available to provide specific advice and will be happy to do so. We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability. Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: [www.suedwest.de](http://www.suedwest.de)

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