

TECHNICAL DATA SHEET

30975

KLIMAKOMFORT
SCHIMMELSANIERUNGSKEIL



AREA OF APPLICATION

Wedge-shaped mineral insulation board for visual adaptation of the KlimaKomfort Schimmelsanierungssystem. Developed specifically for mould remediation and prevention on ceilings and walls in interiors.

PROPERTIES

- Alkalinity counteracts mould
- Pressure-resistant
- Very high water vapour diffusion
- Easy to cut to size
- Building material class B1, limited combustibility
- Clean packaging inside box
- Easy application
- Nonwoven covering for smooth sides
- Suitable for rooms exposed to moisture
- Environmentally friendly
- Coordinated system component of the SÜDWEST KlimaKomfort Schimmelsanierungssystem

FORMAT / CONTAINER:

Board format: 365 x 595 mm

Board thickness: 25 mm tapering to 5 mm

10 boards in a box
Approx. 2.17 m² in a box

TECHNICAL DATA:

Water vapour diffusion resistance μ	10
Thermal conductivity λ	0.086 W/(mK)
Thermal conductivity group	086
Reaction to fire (EN 13501-1)	B1-s1,d0 (limited combustibility)
pH value	9

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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.

SUBSTRATE PREPARATION:

MOULD-INFESTED SURFACES:

Pre-treat with SÜDWEST Schimmelfresser 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

Read the technical documentation for SÜDWEST KlimaKomfort K+A Mörtel. Board adhesive in the joint is not permitted; cut SÜDWEST KlimaKomfort Schimmelsanierungskeil exactly to size or use SÜDWEST KlimaKomfort Perlit-Spachtel; fill defects all the way down to the substrate (do not just seal). The boards are laid in a bond, horizontally, butt-jointed. The adhesive is applied full-surface notched in the direction of the length of the board (10 mm notching) with a minimum layer thickness of 5 mm on the coarse side of the board. Use a sharp knife or a fine-toothed saw to cut the boards to size. The wedges can also be broken up with a knife once they have been cut into.

The minimum layer thickness of the reinforcing compound must be 4 mm

without mesh. SÜDWEST WDVSmart Armierungsgewebe Fein is embedded as reinforcing mesh on the side of the board that is covered with nonwoven fabric and then smoothed.

Due to the wedge shape, the thin side of the board is more sensitive than the thick side; this should be taken into consideration when cutting to size and laying. Applying too much pressure when cutting or bonding the boards can lead to ruptures.

Float-finish in a separate layer if necessary. Connections must be made airtight/diffusion-tight on site; thermal bridges should be avoided if at all possible. Depending on the flooring and the project (e.g. unevenness, etc.), joint sealing tape (Malfa Fugendichtband FD-20) can be used for decoupling or adaptation and to avoid backflow in internal insulation.

SUBSEQUENT HEAVY COVERINGS (E.G. TILES, NATURAL STONE, ETC.)

Do not apply ceramic coverings to KlimaKomfort Schimmelsanierungskeil. Ceramic coverings can be applied to the rest of the KlimaKomfort system.

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.

EC DIRECTIVE 2004/42/CE

This product is out of scope of the VOC Directive.

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

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.

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