



ERFURT-KlimaTec KP 1000+ Climate panel

ERFURT
WÄNDE ZUM WOHLFÜHLEN

INTERIOR WALL
SYSTEMS

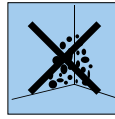
Product benefits



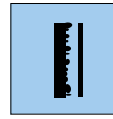
Climate-friendly



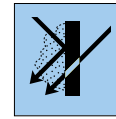
For rooms at greater risk of humidity



Mould-inhibiting



Adheres directly to masonry



Breathable



Energy-saving

How to use



1. Fill cracks, chipped surfaces and seriously uneven surfaces with ERFURT-System Adhesive SR 6.



2. Fit a sealing tape to the floor, ceiling and adjoining walls and to all moving structures, such as windows, for acoustic and mechanical separation.



3. Use a Stanley knife to scarify the climate panel and break along an edge or cut with a saw.



4. Use a keyhole saw or similar to cut openings for switches and sockets before fitting the panels and use appropriate air-tight back boxes.



5. Use a toothed trowel/toothed comb to comb adhesive onto the climate panel (10 mm toothing/ C 5).



6. Press the climate panels, offset above each other (min. 20 cm), with moderate pressure onto the wall. Avoid cross joints and gaps. Remove excess adhesive along the edges.



7. Fill the joints between the panels with ERFURT-KlimaTec SR 6 system adhesive.



8. Prime the climate panel with paste.



9. Climate panels can be covered with all breathable wall coverings, plasters and coating materials etc. without the need for reinforcement.

KlimaTec

PRO

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Product Description

ERFURT-KlimaTec KP 1000+

Manufacturer

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Raw materials/Manufacture

ERFURT KlimaTec KP 1000+ is a 1.0 cm thick climate panel manufactured from expanded glass granulate. The front side is laminated with a glass nonwoven fabric and the rear side with fabric webbing.

Product data

- Order no. 1003053
- Panel dimensions: 1.20 m long x 0.80 m wide x 1.0 cm thick
- Panels/pallet: 120 panels
- Weight approx. 5.3 kg/panel
- Thermal conductivity: λ = approx. 0.097 W/mK
- Thermal insulation resistance: R = approx. 0.10 (m²K)/W
- Reaction to fire: B-s1,d0 according to DIN EN 13501-1 corresponding to B1 (fire-retardant) according to DIN 4102-1
- Water vapour diffusion resistance factor: μ = approx. 15
- Water vapour diffusion sd value: approx. 0.15 m
- pH: approx. 9

Product characteristics

- Mould-inhibiting
- Increases the wall surface temperature
- Energy saving
- Faster heating-up of rooms
- Alkaline
- Breathable
- Suitable for damp environments and dry lined walls
- Adheres to masonry
- Evens out uneven base surfaces
- Pressure-resistant
- Easy to cut
- Reinforced by webbed laminate on the rear
- A wealth of design options, for example with breathable wallcoverings, plaster etc.
- No calculated dew water certification necessary according to DIN 4108-3 (additional compliance with driving rain resistance requirements)

Application/Handling

ERFURT-KlimaTec KP 1000+ is used for mould prevention and mould remediation. The breathable panel raises the surface temperature of the wall and has a moisture-regulating effect. Professionally remove all signs of mould before applying. Call in a specialist to clarify and, if necessary, rectify the cause of mould formation. The climate panel creates flat and pressure-resistant finishes on uneven base surfaces and provides many opportunities for (breathable) wall design, whether using wallcoverings, plaster or other coating materials.

Preparing the base surface

ERFURT-KlimaTec KP 1000+ can be used on all types of plaster (internal plaster as per DIN V 18550). Ensure that the base surface is dry, clean, solid and firm.

Remove old wall coverings, loose wall coverings, vapour-tight coatings and dirt. Prime extremely absorbent, chalky and sandy base surfaces with a solvent-free primer. Fill any cracks, chipped surfaces and seriously uneven surfaces with ERFURT-System Adhesive SR 6.

How to use

To avoid sound transfer, fit a sealing tape all around wall joints and movable elements, such as floating screed, windows etc.

Use a Stanley knife to scarify ERFURT-KlimaTec KP 1000+ climate panels, break along an edge and cut through the fabric webbing. Alternatively use a saw to cut the climate panel. Use a keyhole saw to cut openings for switches and sockets before fitting the panels and use appropriate airtight back boxes.

Use ERFURT-System Adhesive SR 6 to bond the climate panel (mixing ratio: 8-8.5l water with 15 kg of ERFURT-System Adhesive SR 6). Use a toothed trowel/toothed comb to evenly comb adhesive onto the rear of the climate panel (10 mm toothing/C5: equates to approx. 2.2 kg/m²). The adhesive can also be applied to the wall side with uneven base surfaces. Make sure that the entire surface of the panel lies against the base surface and avoid hollows.

Press ERFURT-KlimaTec KP 1000+ climate panels onto the wall offset above each other (min. 20 cm) with moderate pressure. Avoid cross joints and gaps. Remove excess adhesive along the edges. Fill the gaps / joints between the panels flush with ERFURT-System Adhesive SR 6.

Base surface for coatings

Apply ERFURT-System Adhesive SR 6 to the entire surface of the climate panels if painting.

Once dry, paint the surface with all (breathable) washable emulsion paints that comply with EN 13300.

Base surface for wallpaper

Before wallpapering, prime the panels with paste in line with the manufacturer's instructions (e.g. Metylan NP New Plaster in a ratio of 1:10, PUFAS Security Adhesive SK). ERFURT-KlimaTec KP 1000+ climate panels can be wallpapered over with all breathable wall coverings, such as ERFURT-Rauhfaser woodchip, ERFURT nonwoven types of wallpaper, ERFURT paper wallcoverings etc. Use a minimum of nonwoven adhesive, such as Metylan NP New Plaster Paste in a ratio of 1:10 or PUFAS Security Adhesive SK to adhere to the climate panels.

Base surface for plaster

ERFURT-KlimaTec KP 1000+ climate panels can be coated with all mineral-based interior plasters. Apply a plaster primer before applying interior plasters.

Important note

Check the existing building for the permeability of driving rain, structural faults and minimum thermal insulation.

Call in professional assistance in the event of abnormalities (e.g. serious moisture and/or mould).

Refer to the information in the ERFURT Ventilation Guidelines, among others, to reduce peaks of moisture in the air. The manufacturer cannot guarantee the material properties of the product if the above points are not complied with.

Safety note

Take appropriate measures to protect surfaces, specifically glass, ceramic, natural stone etc., which are not to be treated. Provide appropriate technical protective equipment (e.g. dust mask, safety goggles) and, if necessary, technical measures (e.g. extraction) when handling.

Made in Germany

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