



ERFURT-KlimaTec KP 1000+ Climate panel

ERFURT
WÄNDE ZUM WOHLFÜHLEN

INNENWAND-
SYSTEME

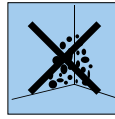
Product benefits



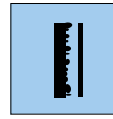
Climate-
friendly



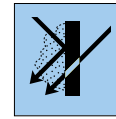
For rooms at
greater risk
of humidity



Mould-
inhibiting



Adheres
directly to
masonry



Breathable



Energy-
saving

How to use



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



2. Fit a sound insulation strip around the window joint and around all movable elements, such as floating screed, windows.



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



4. Use a keyhole etc. saw to cut openings for sockets before fitting the panels and use appropriate back boxes.



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



6. Press the climate panels with moderate pressure onto the wall offset to each other. 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 by all breathable wallcoverings capable of covering cracks without additional reinforcement.

KlimaTec

PRO

www.erfurt.com



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 length x 0.80 m width x 2.5 cm thickness
- Panels/box: 120 panels
- Weight: 5.3 kg/panel
- Thermal conductivity: $\lambda = \text{ca. } 0.11 \text{ W/mK}$
- Thermal resistance: $R = \text{ca. } 0,09 \text{ (m}^2/\text{K)/W}$
- Fire rating „B-s1,d0“ according to EN 13501-1 corresponds to „B1“ (fire-retardant) according to DIN 4102-1
- Water vapour diffusion resistance factor: $\mu = 15$
- Its water vapour permeability as per EN ISO 12572 corresponds to a diffusion-equivalent air layer thickness of approx. 0.15 m
- pH: approx. 9

Product features

- Mould-inhibiting
- Increasing the surface temperature of the wall
- Energy-saving
- Fast warm-up of the room
- Alkaline
- Breathable
- Suitable for damp environments and dry lined walls
- Adheres directly to masonry
- Compensation of uneven surfaces
- Pressure-resistant
- Easy to cut
- Reinforced by webbed laminate on rear
- Can be directly wallpapered over with breathable wallcoverings
- No calculated dewpoint certificate needed in line with DIN 4108-3 (additional Conditions to driving-rain protection must be adhered)

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 mould before applying. Clarify and, if necessary, rectify the cause of mould formation. You may need to ask for assistance from a professional. The climate panel produces flat and pressure-resistant finishes on uneven base surfaces. KP 1000+ offers many opportunities for (breathable) wall design, whether using wallcoverings, plaster or other coating materials.

Preparation of the base surface

ERfurt KlimaTec KP 1000+ can be used on all plasters (interior plaster as per DIN V 18550). Ensure that the base surface is dry, clean, solid and firm. Remove old wallcoverings, loose wallcoverings, 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-KlimaTec SR 6 system adhesive.

How to use

To avoid sound transfer, fit a sealing tape all around wall joints and movable elements, such as floating screed, windows etc. Score the climate panel with a Stanley knife, break at an edge and cut through the fabric webbing. Alternatively cut with a saw. Use Erfurt System Adhesive SR 6 to glue the climate panel (mixing ratio: 8-8.5 l water with 15 kg 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 in the event of uneven base surfaces. Make sure that the panel lies against the base surface across its entire surface and avoid hollows. Press ERFURT-KlimaTec KP 1000+ climate panels onto the wall with moderate pressure above each other and offset (at least 20 cm). Avoid cross joints and gaps. Remove excess adhesive along the edges. Fill the gaps / joints between the panels with ERFURT System Adhesive SR 6.

Base surface for coatings

Apply ERFURT-KlimaTec SR 6 system adhesive to the entire surface of the climate panels if painting. Once dry, you can paint the surface with all (breathable) wash-resistant emulsion paints that comply with EN 13300.

Base surface for wallpaper

Before wallpapering, prime the panels with a paste primer according to the manufacturer's instructions (e.g. Metylan NP Power Granulate plus in a ratio of 1:20, PUFAS SK Safety Plaster). ERFURT-KlimaTec KP 1000+ climate panels can be wallpapered over with all breathable wallcoverings, such as ERFURT-woodchip wallpaper, ERFURT-nonwoven types of wallpaper, ERFURT- embossed wallpaper etc. Use the adhesive recommended for the type of wallcovering, but at the very least nonwoven adhesive at a ratio of 1:10 (e.g. Metylan NP New Plaster Paste or PUFAS SK Safety Plaster) to bond 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 exterior of the area for driving rain impermeability, structural defects and minimum thermal insulation. Seek advice from a professional in the event of structural problems (e.g. moisture and/or mould). Use the advice from e.g. ERFURT-Lüftungsleitfaden (heating & ventilation guide) to avoid peaks of moisture. 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. Provide appropriate technical protective equipment (e.g. dust mask, safety goggles) and, if necessary, technical measures (e.g. extraction system) when handling.

Made in Germany

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