



ERFURT-KlimaTec KP 2500+

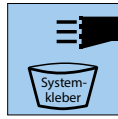
ERFURT
WÄNDE ZUM WOHLFÜHLEN

INNENWAND-
SYSTEME

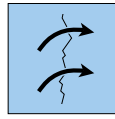
Product benefits



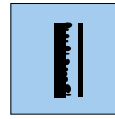
Climate-friendly



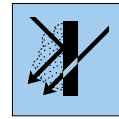
System Adhesive SR 6



Covers cracks



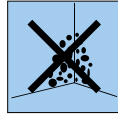
Adheres directly to masonry



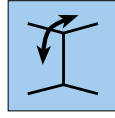
Breathable



Energy-saving



Mould-inhibiting



For walls and ceilings

How to use



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



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



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



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



5. Use a toothed trowel/toothed comb to comb adhesive onto the climate panel (min. 8 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

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Product Description

ERFURT-KlimaTec KP 2500+

Manufacturer

ERFURT & SOHN KG • Hugo-Erfurt-Straße 1
42399 Wuppertal • GERMANY • www.erfurt.com

Raw materials/Manufacture

ERFURT KlimaTec KP 2500+ is a 2.5 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. 1001200
- Panel dimensions: 1.20 m long x 0.80 m wide x 2.5 cm thick
- Panels/box: 40 panels
- Weight: 8.2 kg/panel

Product facts and figures

- Thermal conductivity: $\lambda = 0.086 \text{ W/mK}$
- 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: $\mu = 10$
- Its water vapour permeability as per EN ISO 12572 corresponds to a diffusion-equivalent air layer thickness of approx. 0.3 m
- pH: approx. 9

Product features

- Energy-saving
- Mould-inhibiting
- Breathable
- Pressure-resistant
- Easy to cut
- Alkaline
- Suitable for damp environments and dry lined walls
- Smooth surface thanks to nonwoven laminate
- Reinforced by webbed laminate on rear
- Adheres directly to masonry
- Can be directly wallpapered over with breathable wallcoverings
- No calculated dewpoint certificate needed in line with DIN 4108

Application/Handling

ERFURT-KlimaTec KP 2500+ is a climate panel for mould remediation and mould prevention. The wall surface temperature is raised by the climate panels so that the repeated formation of mould is prevented. Remove mould properly before bonding and eliminate the cause of the mould formation. Condensation in the wall can diffuse through the climate panel.

You may need to seek advice from a professional.

Preparation of the base surface

ERFURT-KlimaTec KP 2500+ 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

Use a Stanley knife to scarify ERFURT-KlimaTec KP 2500+ 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 sockets before fitting the panels.

To avoid sound transfer, fit a sound insulation strip all around wall joints and movable elements, such as floating screed, windows etc. Press ERFURT-KlimaTec KP 2500+ climate panels with moderate pressure onto the wall offset to each other. Avoid cross joints and gaps. Remove excess adhesive along the edges. Fill the joints between the panels with ERFURT-KlimaTec SR 6 system adhesive.

When using ERFURT-KlimaTec KP 2500+ on ceilings, attach the climate panels with appropriate plastic rawlplugs and corrosion-proof screws. To avoid protruding wall plug heads, use an insulation cutter or similar to make a cavity prior to inserting the wall plugs. Then fill in the area around the wall plugs with ERFURT-KlimaTec SR 6 system adhesive.

Adhesive

Use ERFURT-KlimaTec SR 6 system adhesive to bond the climate panels. Apply the adhesive evenly directly onto the climate panel with a toothed trowel or toothed comb (minimum 8 mm toothing). Use approx. 1.8 to 2.2 kg/m² depending on the base surface.

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). Treat the panels with a solvent-free deep-penetrating primer before wallpapering. ERFURT-KlimaTec KP 2500+ climate panels can be wallpapered over with all breathable wallcoverings, such as woodchip, nonwoven types of wallpaper, 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, to bond to the climate panels.

Base surface for plaster

ERFURT-KlimaTec KP 2500+ 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 to be treated for penetration of wetness or moisture. Eliminate any structural defects (thermal bridges).

Seek advice from a professional in the event of any obvious structural problems, like moisture, mould and thermal bridges.

Briefly air the room for 5 - 10 minutes several times a day with the windows wide open to avoid peaks of moisture.

Refer to the advice from the Federal Environment Agency on heating and ventilation.

The manufacturer cannot guarantee the material properties of the product if the above points are not complied with.

Made in Germany

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