

ERFURT[®]
WÄNDE ZUM WOHLFÜHLEN

INTERIOR WALL
SYSTEMS



ERFURT KlimaTec: Naturally efficient.

The interior wall system

KlimaTec

PRO

www.erfurt.com

One system - so many applications

What is ERFURT-KlimaTec?

KlimaTec is

- a room-based energy saving concept
- a breathable interior wall system consisting of climate panels, interior insulation panels and energetic nonwoven wallcovering

The interior wall system ERFURT-KlimaTec offers solutions for the following problem areas:

- mould remediation and mould prevention
- interior insulation
- quicker heating-up of your rooms

All ERFURT-KlimaTec Products:

- are breathable and moisture regulating
- have minimal layer thickness: minimal loss of living space
- increase the surfaces temperature
- support quicker heating-up in the rooms
- decrease the heating costs
- are mould preventive
- cover cracks
- build a base for wallpapering



Structurally harmless - economically sensible

Due to the minimal layer thickness and the optimized thermal conductivity, ERFURT-KlimaTec is structurally harmless and economically useful. Separate living units can be renovated or remediated with no dependence on weather.

Application areas for ERFURT-KlimaTec



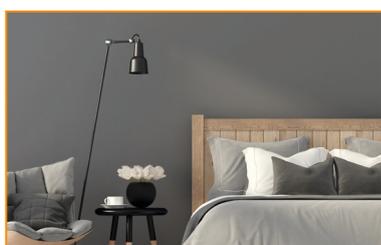
Mould prevention and mould remediation



Buildings with adjacent construction



Listed buildings and façades of historic interest



Temporarily used buildings / rooms



Personalized extension of separate living units



Buildings with no roof overhang

ERFURT-KlimaTec: all applications at a glance

	Climate panel KP 1000+	Climate panel KP 2500+	Interior insulation panels IP 2500+	Interior insulation panels IP 3500+	Thermal non-woven KV 600
Mould					
Mould prevention	++	+++	++	++	
Mould remediation	++	+++	++	++	
Damp rooms/Bathrooms	++	+++			
Energy-savings					
Interior insulation of outside walls		+	++	+++	
Quick heating-up and short-term heating of the rooms	+	++	+++	+++	+++
Wall surface temperature					
Increasing of wall surface temperature depending on wall construction	up to 3°C	up to 6°C	up to 8°C	up to 9°C	up to 2°C
Possible application *					
Breathable dispersion coating	●	●	●	●	●
Breathable wallcovering	●	●	●	●	●
Interior plaster, e.g. mineral based	●	●	●	●	
Suitable for stud framing	●	●			

* Please take into account the current technical data sheets.

Mould: prevention and remediation

Mould prevention

The main reason for mould formation is humidity – or to be more exact, the relative humidity. The figures of it can be easily measured at home through a hygrometer. If you measure the temperature of the room air at the same time, you can also determine the absolute humidity figures. The relative humidity shows the proportionate water vapor content of the air expressed as a percentage. If the absolute water content, is constant, so the relative humidity changes depending on the air temperature. Warm air can absorb more humidity than cold air. At a room temperature of 20 °C and a relative humidity of 60%, one cubic meter of room air contains about 10 g of water. If the room temperature is going down, so the air can no longer absorb the same amount of humidity. That means the excessive humidity is falling down as condensate on the cool exterior walls. This appeared humidity has to be removed quickly. The intermittent airing with wide open windows provide quick and effective humidity control. If the humidity is not removed, so a mould damage is very often the result.



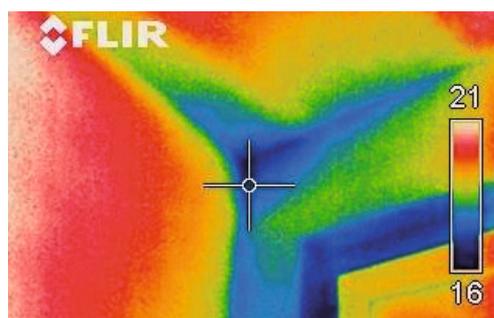
Why does mould often appear in corners?

There is an increased heat leakage in the room corner areas of exterior walls, because, due to the corner geometry, the warm indoor and a higher cold outdoor area confront each other in this place. The corner areas of exterior walls represent a geometric thermal bridge in this way. The increased heat flow can lead to a strong cooling of the corner areas and forming of condensate in them. Another reason of mould formation in corners is the reduced air circulation in these areas, which is often additionally reduced by curtains and cupboards

Mould remediation



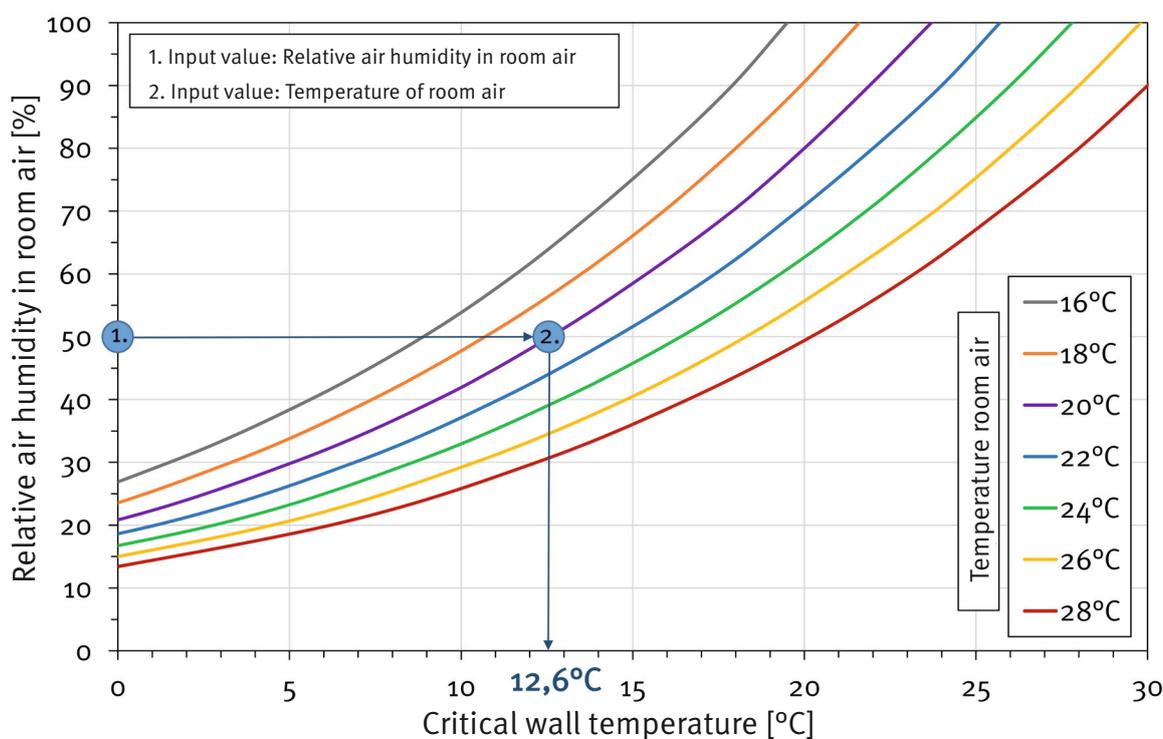
Insufficient external insulation or the apposition of construction materials in the exterior walls with different, minimal thermal conductivities (e.g. bearing pads in a wall) can be a reason for low surfaces temperatures on the inside of the wall, an increased risk of condensate and that way form mould. By cooling the room air, it can also happen that it might be critically wet in some cold spots in your home. This can be a case in less or not heated at all rooms, such as bedrooms.



For all these critical areas ERFURT climate panels ERFURT KlimaTec KP 1000+ and KP 2500+ fit perfect. They increase the wall surface temperature during heating very quickly and inhibit mould formation.

Dewpoint temperature of the interior wall surface dependent on room temperature and relative humidity

Room temperature in °C	Dewpoint temperature in °C with a relative air humidity of																Wall surface temperature in °C
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%		
30	10,5	12,9	14,9	16,8	18,4	20,0	21,4	22,7	23,9	25,1	26,2	27,2	28,2	29,1	30,0	Wall surface temperature in °C	
29	9,7	12,0	14,0	15,9	17,5	19,0	20,4	21,7	23,0	24,1	25,2	26,2	27,2	28,1	29,0		
28	8,8	11,1	13,1	15,0	16,6	18,1	19,5	20,8	22,0	23,2	24,2	25,2	26,2	27,1	28,0		
27	8,0	10,2	12,2	14,1	15,7	17,2	18,6	19,9	21,1	22,2	23,3	24,3	25,2	26,1	27,0		
26	7,1	9,4	11,4	13,2	14,8	16,3	17,6	18,9	20,1	21,2	22,3	23,3	24,2	25,1	26,0		
25	6,2	8,5	10,5	12,2	13,9	15,3	16,7	18,0	19,1	20,3	21,3	22,3	23,2	24,1	25,0		
24	5,4	7,6	9,6	11,3	12,9	14,4	15,8	17,0	18,2	19,3	20,3	21,3	22,3	23,1	24,0		
23	4,5	6,7	8,7	10,4	12,0	13,5	14,8	16,1	17,2	18,3	19,4	20,3	21,3	22,2	23,0		
22	3,6	5,9	7,8	9,5	11,1	12,5	13,9	15,1	16,3	17,4	18,4	19,4	20,3	21,2	22,0		
21	2,8	5,0	6,9	8,6	10,2	11,6	12,9	14,2	15,3	16,4	17,4	18,4	19,3	20,2	21,0		
20	1,9	4,1	6,0	7,7	9,3	10,7	12,0	13,2	14,4	15,4	16,4	17,4	18,3	19,2	20,0		
19	1,0	3,2	5,1	6,8	8,3	9,8	11,1	12,3	13,4	14,5	15,5	16,4	17,3	18,2	19,0		
18	0,2	2,3	4,2	5,9	7,4	8,8	10,1	11,3	12,5	13,5	14,5	15,4	16,3	17,2	18,0		
17	-0,6	1,4	3,3	5,0	6,5	7,9	9,2	10,4	11,5	12,5	13,5	14,5	15,3	16,2	17,0		
16	-1,4	0,5	2,4	4,1	5,6	7,0	8,2	9,4	10,5	11,6	12,6	13,5	14,4	15,2	16,0		
15	-2,2	-0,3	1,5	3,2	4,7	6,1	7,3	8,5	9,6	10,6	11,6	12,5	13,4	14,2	15,0		
14	-2,9	-1,0	0,6	2,3	3,7	5,1	6,4	7,5	8,6	9,6	10,6	11,5	12,4	13,2	14,0		
13	-3,7	-1,9	-0,1	1,3	2,8	4,2	5,5	6,6	7,7	8,7	9,6	10,5	11,4	12,2	13,0		
12	-4,5	-2,6	-1,0	0,4	1,9	3,2	4,5	5,7	6,7	7,7	8,7	9,6	10,4	11,2	12,0		
11	-5,2	-3,4	-1,8	-0,4	1,0	2,3	3,5	4,7	5,8	6,7	7,7	8,6	9,4	10,2	11,0		
10	-6,0	-4,2	-2,6	-1,2	0,1	1,4	2,6	3,7	4,8	5,8	6,7	7,6	8,4	9,2	10,0		
Room condition	too dry	dry	normal humidity			humid			too humid			too wet					



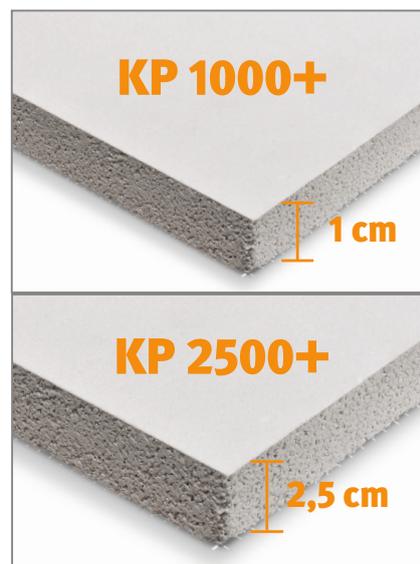
By this diagram you can easily define if your rooms are in danger by mould damage. Some moulds are already appear at 80% of relative air humidity. There is an increased relative air humidity on cold wall surface, because the relative humidity increases in a room with decreasing temperature. The diagram shows you the wall temperatures in the interior, by which the danger of mould formation exists.

- 1. Measure the temperature and relative air humidity of the room air first.
- 2. Then form the intersection point of the relative air humidity on the vertical with the color-marked temperature curve. The critical wall temperature can now be seen on the horizontal. If the critical wall temperature falls below (for example on construction corners or behind cupboards), there exists the danger of mould formation.

Mould remediation and prevention with Climate panels KlimaTec KP 1000+/KP 2500+

The mineral-based ERFURT-KlimaTec KP 1000+ and KP 2500+ climate panels increase wall surface temperature, create a comfortable interior climate, prevent the formation of mould and are prior used for mould remediation.

The climate panels have a very effective humidity management. At higher air humidity, the panels save the increased humidity from the air until the situation is in the non-critical area, e.g. after air ventilation process. The same way the moisture, which appears from condensation process in the wallcross-section, will be absorbed by climate panels and cached. The water in the panel is spreaded capillary, so there are an effective drying properties in addition to a good storage capacity. For mould remediation it is very important to analyze the reasons of the humidity appearance and get rid of them first. The plaster parts damaged by mould have to be removed and replaced. After the drying process, climate panel has to be pasted on the already plastered walls by system adhesive ERFURT-KlimaTec SR 6. The ERFURT KlimaTec LP 1000+ soffit panel can be used for the wall joint and window area. The climate and soffit panels can be over-worked on the next day.



All advantages at a glance

- Mould-inhibiting
- Increasing of the wall surface temperature
- Effective humidity management
- Breathable and capillary lined
- Pressure and bending resistant
- Alkaline
- Fire-resistant: B-s1, d0 acc. to EN 13501-1
- Simple and fast to use
- Versatile design options, e.g. it can be wallpapered, plastered, painted over
- Suitable for stud framing

The major difference between ERFURT-KlimaTec panels KP 1000+ and KP 2500+

The KlimaTec panel KP 1000+ is 1 cm thick and increases the wall surface temperature up to 3 °C depending on the wall construction.



The KlimaTec panel KP 2500+ is 2,5 cm thick and increases the wall surface temperature up to 6 °C depending on the wall construction.



Technical product datas

Climate panel KP 1000+ Climate panel KP 2500+



	KP 1000+	KP 2500+
Material:	Granulated foam glass	Granulated foam glass
Order number:	1003053	1001200
Dimensions:	120 x 80 x 1,0 cm	120 x 80 x 2,5 cm
Total weight:	approx. 5,3 kg	approx. 8,2 kg
Water vapour diffusion sd-value:	approx. 0,15 m	approx. 0,3 m
Thermal conductivity:	approx. 0,097 W/mK	approx. 0,086 W/mK
Compressive strength according to DIN EN 826:	approx. 40 kg/cm ²	approx. 20 kg/cm ²
pH-value:	approx. 9	approx. 9
Fire class:	B-s1,d0	B-s1,d0

System adhesive SR 6



Order number:	1000098
Content:	15 kg
Consumption:	approx. 2,2 kg/m ² with a toothed trowel (min. 10 mm toothing)
Standing time in the opened condition:	approx. 30 min

Application



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



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



3. Scarify climate panels with a Stanley knife and break at the edge or cut with a saw.



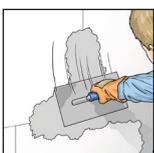
4. Use a hole cutter to cut openings for sockets before fitting the panels, using back-boxes.



5. Comb adhesive with a toothed trowel/toothed comb across the entire surface of the climate panels (min. 10 mm toothing).



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



7. Fill the joints between the panels with ERFURT KlimaTec SR 6 system adhesive to create a smooth surface.



8. Prime climate panel with wallpaper paste.



9. Climate panel can be covered by all breathable wallcoverings without additional reinforcement.

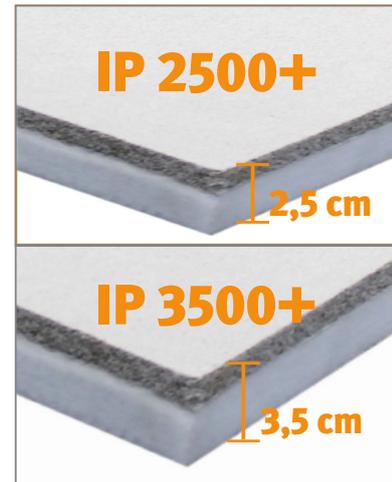
Interior insulation with KlimaTec IP 2500+ / IP 3500+

For technical or economic reasons, many external façades cannot be insulated. The breathable ERFURT-KlimaTec IP 2500+ and IP 3500+ interior insulation panels provide energy-efficient solutions for individual interiors, apartments or whole buildings.

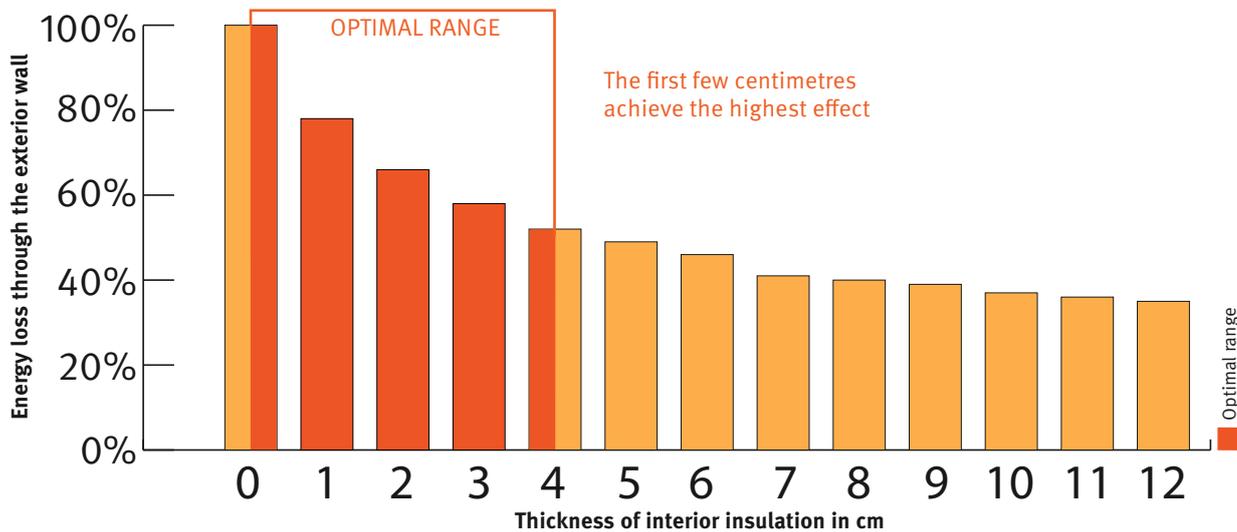
Thanks to its unique thermal insulating properties, the interior insulation panels improve the U-value of existing buildings, thereby saving considerable amounts of energy.

Product characteristics

- Highly thermally insulating (textile nonwoven)
 $\lambda = 0.035 \text{ W/(mK)}$
- Minimal layer thickness
- Breathable
- Simple and fast to use
- Versatile design options, i.e. it can be wallpapered, plastered, painted over
- Mould preventive



Slim interior insulation



Detached house built in 1953, external wall surface 120 m², living space 100 m².

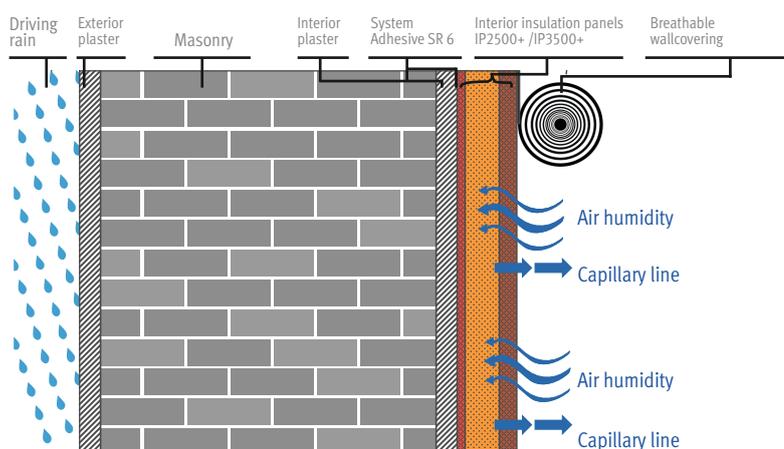
The diagram shows the reduction of the heat loss through the exterior wall by increasing of thickness of the interior insulation.

Example: The first centimeter of insulation improves the values for 22% and the second one for 34%.

Source: Hessian Ministry for the Environment, Energy, Agriculture and Consumer Protection

Functional principle: Interior insulation panels IP 2500+/IP 3500+

Exterior walls are constantly influenced by a lot of different circumstances, which can lead to formation of moisture in the walls and mould. The most important influence in the exterior area is the „driving rain“, through which large amount of moisture can be transported into bad protected walls. Sources of moisture in the interior area already come from standard daily use (especially in kitchens, drying rooms or bathrooms with high relative air humidity), therefore, it is very important when using an interior insulation, not to stop the drying process into the interior rooms.



Breathable, capillary-active ERFURT interior insulation panels are moisture buffers on the one hand and care for the fast drying of the construction on the other hand. The over-wetting of the construction is prevented by the vapour transport and by the direct capillary transport of the water to the room-side of wall surface. The moisture can thus evaporate from the interior insulation panel back into the room after the next ventilation.

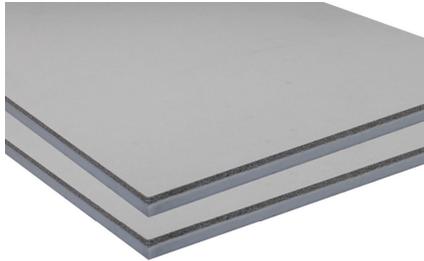
Improved U-values with interior insulation panels IP 2500+/IP 3500+

The following table provides a quick overview about improving your U-values:

	Wall thickness	ACTUAL U-value	U-value with IP 2500+	Improvement with IP 2500+	U-value with IP 3500+	Improvement with IP 3500+
Solid brick $\lambda=0.81 \text{ W/(mK)}$ 1800 kg/m^3 Lime-cement plaster inside and outside	17,5 cm	2,44 W/(m ² K)	1,05 W/(m ² K)	57 %	0,81 W/(m ² K)	67 %
	24 cm	2,04 W/(m ² K)	0,97 W/(m ² K)	52 %	0,76 W/(m ² K)	63 %
	30 cm	1,78 W/(m ² K)	0,90 W/(m ² K)	49 %	0,72 W/(m ² K)	60 %
	36,5 cm	1,55 W/(m ² K)	0,84 W/(m ² K)	46 %	0,68 W/(m ² K)	56 %
Perforated brickwork $\lambda=0.58 \text{ W/(mK)}$ 1800 kg/m^3 Lime-cement plaster inside and outside	24 cm	1,65 W/(m ² K)	0,87 W/(m ² K)	47 %	0,70 W/(m ² K)	58 %
	30 cm	1,41 W/(m ² K)	0,80 W/(m ² K)	43 %	0,65 W/(m ² K)	54 %
	36,5 cm	1,22 W/(m ² K)	0,73 W/(m ² K)	40 %	0,61 W/(m ² K)	50 %
Sand-lime bricks $\lambda=0.99 \text{ W/(mK)}$ 1800 kg/m^3 Lime-cement plaster inside and outside	17,5 cm	2,70 W/(m ² K)	1,09 W/(m ² K)	60 %	0,83 W/(m ² K)	69 %
	24 cm	2,30 W/(m ² K)	1,02 W/(m ² K)	56 %	0,79 W/(m ² K)	66 %
	30 cm	2,02 W/(m ² K)	0,96 W/(m ² K)	52 %	0,75 W/(m ² K)	63 %
	36,5 cm	1,78 W/(m ² K)	0,90 W/(m ² K)	49 %	0,72 W/(m ² K)	60 %
Pumice stone $\lambda=0.39 \text{ W/(mK)}$ 800 kg/m^3 Lime-cement plaster inside and outside	17,5 cm	1,56 W/(m ² K)	0,84 W/(m ² K)	46 %	0,68 W/(m ² K)	56 %
	24 cm	1,24 W/(m ² K)	0,74 W/(m ² K)	40 %	0,61 W/(m ² K)	51 %
	30 cm	1,04 W/(m ² K)	0,66 W/(m ² K)	37 %	0,56 W/(m ² K)	46 %
Natural sandstone $\lambda=2.3 \text{ W/(mK)}$ 2100 kg/m^3 Lime-cement plaster inside	30 cm	3,21 W/(m ² K)	1,17 W/(m ² K)	64 %	0,88 W/(m ² K)	73 %
	40 cm	2,81 W/(m ² K)	1,11 W/(m ² K)	60 %	0,84 W/(m ² K)	70 %
	50 cm	2,51 W/(m ² K)	1,06 W/(m ² K)	58 %	0,81 W/(m ² K)	68 %
Concrete $\lambda=2.1 \text{ W/(mK)}$ 2300 kg/m^3 Lime-cement plaster outside	20 cm	3,61 W/(m ² K)	1,22 W/(m ² K)	66 %	0,90 W/(m ² K)	75 %
	25 cm	3,33 W/(m ² K)	1,18 W/(m ² K)	65 %	0,88 W/(m ² K)	65 %
	30 cm	3,08 W/(m ² K)	1,15 W/(m ² K)	63 %	0,87 W/(m ² K)	72 %

Technical product datas

Interior insulation panel IP 2500+ Interior insulation panel IP 3500+



Material:

Order number:

Dimensions:

Total weight:

Water vapour diffusion sd-value: 0,3 m

Thermal conductivity:

-Nonwoven layer:

-Granulated foam glass layer:

pH-value:

Fire class:

IP 2500+

Granulated foam glass and textile nonwoven

1002690

120 x 80 x 2,5 cm

5,5 kg

0,035 W/mK

0,096 W/mK

approx. 12

C-s1,d0

IP 3500+

Granulated foam glass and textile nonwoven

1002694

120 x 80 x 3,5 cm

6,0 kg

0,4 m

0,035 W/mK

0,096 W/mK

approx. 12

C-s1,d0

System adhesive SR 6



Order number:

Content:

Consumption:

Standing time in the opened condition:

1000098

15 kg

with a toothed trowel (min. 10 mm toothing)

approx. 30 min

Application



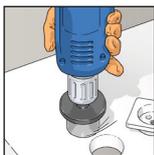
1. Fill cracks, chipped surfaces and seriously uneven surfaces with ERFURT System Adhesive SR 6.



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



3. Cut the interior insulation panels with a saw.



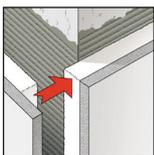
4. Use a hole cutter to cut openings for sockets before fitting the panels, using back-boxes.



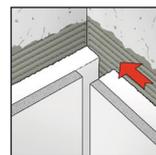
5. Comb adhesive to the entire surface of the interior insulation panels using a toothed trowel/ toothed comb (with a min. toothing of 8 mm).



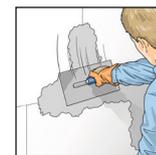
6. Press the interior insulation panels with moderate pressure onto the wall above each other, slightly offset. Avoid cross joints and gaps. Remove excessive adhesive along the edges.



7. External corner bonding: The nonwoven layers must be touching. To reach that, remove 2.5 cm of nonwoven material along the edge.



8. Internal corner bonding: The nonwoven layers must be touching. To reach that, remove 2.5 cm of granulated foam glass along the edge.



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



10. Prime the interior insulation plate with glue.



11. Interior insulation plates can be covered by all breathable wallcoverings capable of covering cracks without additional reinforcement.

ERFURT KlimaTec: Accessoires

Technical product datas

Soffit panel KlimaTec LP 1000+



Material:	Granulated foam glass
Order number:	1001201
Dimensions:	120 x 40 x 1,0 cm
Total weight:	1,6 kg
Thermal conductivity:	0,086 W/mK
Fire class:	B-s1,d0

The 1 cm thick soffit panel LP 1000+ is used for thermal insulation in the wall joint and window area together with the climate panels KP 1000+ and KP 2500+. The heat flow to the outside is being slow down through the soffit panel. This saves energy, especially in the heating-up phase, through faster heating-up of the room air.

Insulating wedge KlimaTec DK 2



Material:	Granulated foam glass
Order number:	1002693
Dimensions:	60 x 40 x 2,5/0,5 cm
Total weight:	1,29 kg
Thermal conductivity:	0.086 W/mK
Fire class:	B-s1,d0

ERFURT- KlimaTec DK 2 is an insulating wedge for the energy-saving interior insulation of wall-ceiling zones and for the binding areas of interior to insulated exterior walls. By using the ERFURT-KlimaTec DK 2, thermal bridges are avoided and the heat flow to the outside is slowed down.

Quick heating-up of rooms through thermal nonwoven KlimaTec KV 600

The structural principle of the thermal nonwoven ERFURT KlimaTec KV 600 is based primarily on an insulation of the interior climate and massive walls. This way, the temperature level in your room feels constantly comfortable with no need to heat the walls first during the heating-up process. The thermal nonwoven KV 600 cares for a more comfortable interior climate, it means that the cold „radiation“ of the massive walls is reduced to minimum or eliminated and there is a different flow behavior between (heated) room air and wall surface.

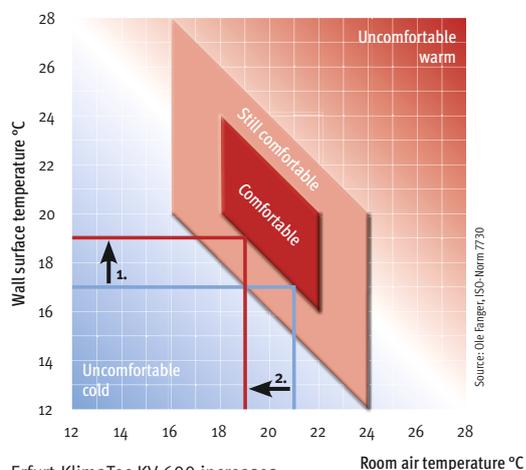
Product characteristics

- Up to 75% quicker heating-up of your room
- Breathable
- Improves the thermal efficiency of your space
- No loss of living space
- Versatile design options, e.g. it can be wallpapered over



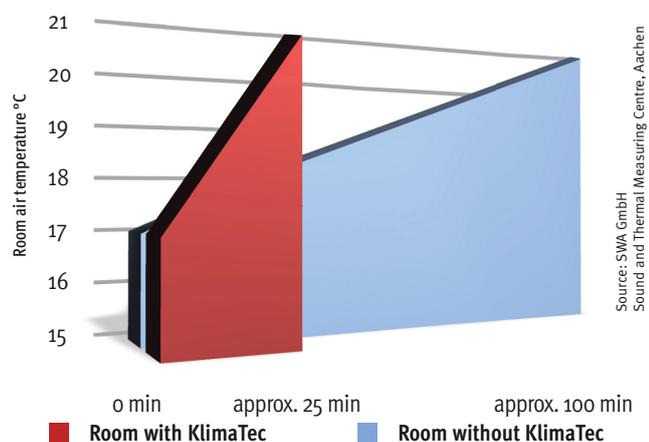
KlimaTec effect

Comfort

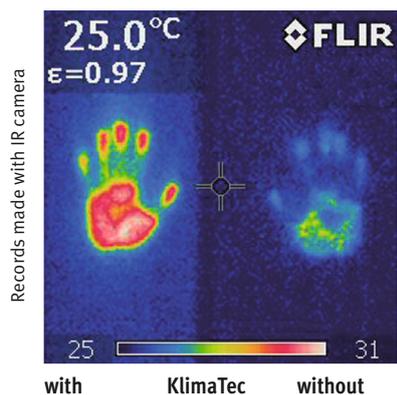


Erfurt-KlimaTec KV 600 increases the wall surface temperature up to 2°C.

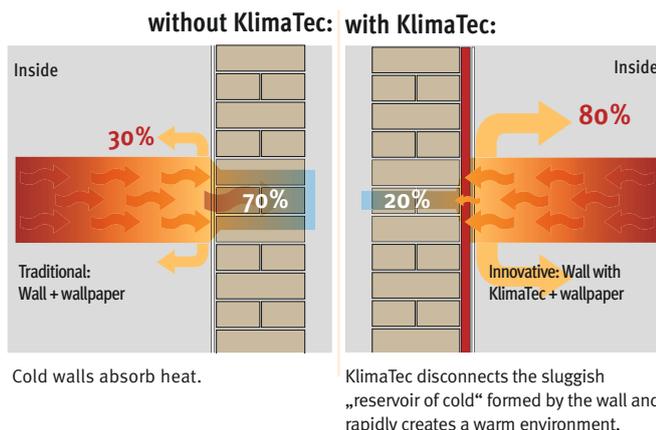
Heating-up phases



Wall surface temperature



Reflection



Technical product datas

Thermal nonwoven KlimaTec KV 600



Material:	textile nonwoven
Order number:	1001209
Roll dimensions:	15 x 1 m
Layer thickness:	approx. 4 mm
Total weight:	9 kg
Water vapour diffusion sd-value:	0,06 m (with SR 2) 0,54 m (with SR 4)
Fire class:	E

System adhesive SR 2/SR 4

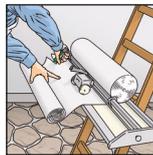


	SR 2	SR 4
Order number:	1001207	1001206
Content:	18 kg	18 kg
Consumption:	approx. 0,3 - 0,5 kg/m ² with a roller	approx. 0,9 - 1,5 kg/m ² with toothed trowel C3/B2*
Standing time in the opened condition:	approx. 20 min	approx. 20 min
pH Value:	9,5 - 10,5	8,5 - 9,35
	For smooth base surfaces (SR 2). For smooth to medium textured base surfaces (SR 4).	

Application



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



2. Cut ERFURT-KlimaTec KV 600 leaving a surplus and roll up with the underside facing outwards.



3. With smooth to medium textured base surfaces, use a long-pile roller to generously roll ERFURT-System Adhesive SR 2 along the lengths onto the base surface.



4. With medium to coarsely textured base surfaces, use a toothed trowel (either B2 or C3 depending on the base surface*) to evenly apply ERFURT System Adhesive SR 4 along the lengths perpendicular to the strips of paper.



5. Place the felted side of the wallcovering, butt jointed to the next length, into the wet ERFURT system adhesive using the paste-the-wall technique. Press down with a rubber roller and/or a plastic trowel.



6. Trim off excess wallpaper at the corners and edges and butt joint the next length.



7. Use a hook blade knife and a straight edge or strong scissors to trim excess wallcovering at ceilings, skirting boards, windows etc.



8. To reinforce the seams, apply a crack repair tape in a filler.



9. Once dry, ERFURT-KlimaTec KV 600 has to be wallpapered over. Place butt joints of the wallpaper sideways to prevent the KlimaTec seams and the wallpaper seams sitting upon each other.

* according to TKB-Technical Briefing Note 6

KlimaTec product range

KP-panels: for mould remediation

Climate panel KlimaTec KP 1000+
Order number: 1003053



Climate panel KlimaTec KP 2500+
Order number: 1001200



System adhesive SR 6
Order number: 1000098



IP-panels: for interior insulation

Interior insulation panel
KlimaTec IP 2500+
Order number: 1002690



Interior insulation panel
KlimaTec IP 3500+
Order number: 1002694



System adhesive SR 6
Order number: 1000098



Accessoires

Soffit panel KlimaTec LP 1000+
Order number: 1001201



Insulating wedge KlimaTec DK 2
Order number: 1002693



KV 600 : for quick heating-up of rooms

Thermal nonwoven KlimaTec KV 600
Order number: 1001209



System adhesive SR 2
Order number: 1001207



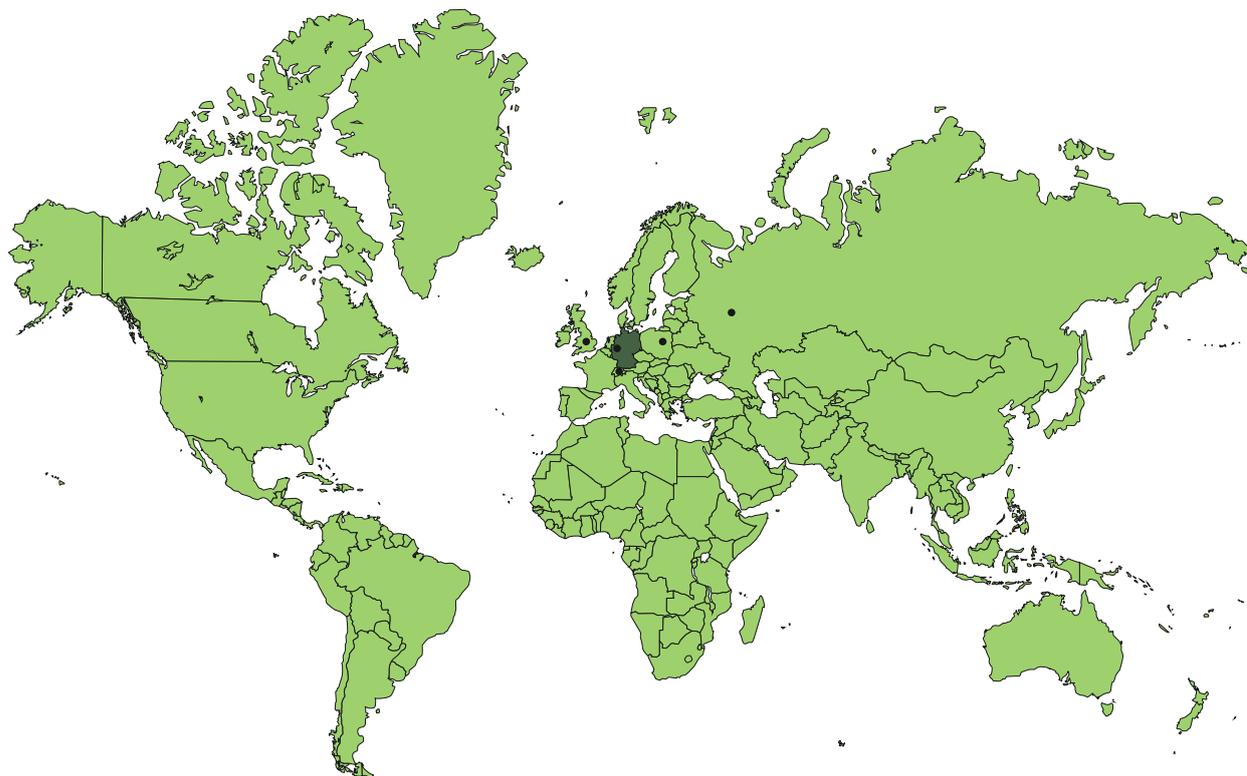
System adhesive SR 4
Order number: 1001206



*	KV 600	KP 1000+	KP 2500+	IP 2500+	IP 3500+
Thickness [mm]	4	10	25	25	35
Thermal conductivity λ [W/mK]	0,045	0,097	0,086	0,096/0,035	0,096/0,035
Thermal resistance R [m ² K/W]	0,08	0,10	0,29	0,63	0,95
Sd-value [m]	0,06 (SR 2)	0,15	0,25	0,30	0,40
Humidity buffering	-	+	+++	++	++
Fire class	E	B-s1,d0	B-s1,d0	C-s1,d0	C-s1,d0
Bonded joint	organic	mineral	mineral	mineral	mineral

* All values are general manufacturing averages.

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