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This is a translation of the product data sheet valid in Germany.

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Plaster & Façade Systems

# P372T.de

Product Data Sheet

2023-08



# Rotkalk in-Board Laibung TecTem® reveal

Insulation panel made of natural perlite for reveals

## Product description

The Rotkalk in-Board Laibung TecTem® is a mineral and capillary active insulation panel made of expanded perlite rock.

## Storage

Protect against moisture, frost and weather conditions during transport, storage and installation.

## Quality

In compliance with ETA 12/0573, the product is subject to initial type testing and continuous external monitoring and bears the CE mark.

## Field of application

For interior insulation of walls and ceilings (WI, DI acc. to DIN 4108-10). Specially for the avoidance of the effect of thermal bridges near reveals in windows and doors and as a flanking insulation on incorporated interior walls and ceilings.

## Properties and added value

- Mineral-based
- Steam diffusion permeable
- Capillary active
- Quick distribution and drying of incidental moisture
- Non-combustible, reaction to fire A1 acc. to DIN EN 13501-1
- Completely recyclable
- Easy application



### Application

#### Preparation

All connections to wall openings such as windows, door ans well as window sills must be completely air tight.

#### Application

Apply Rotkalk Laibung TecTem® directly depending on the system after the full surface application of the Rotkalk in-Klebmörtel TecTem® adhesive or Rotkalk in-Klebmörtel Historic adhesive at a constant pressure by sliding and pushing-in and aligning perpendicular and flush. The application is to be tightly jointed. No adhesive may get into the joints.

Ensure that the connections are air tight and ensure decoupling from other constructional components. Avoid thermal bridges.

Offset mismatches can be equalized with a sanding board when the adhesive has set. Panel joints > 2 mm or flaws are filled using Rotkalk in-Füllmörtel TecTem® mortar.

Before application of the plaster system, apply Knauf Aufbrennsperre suction block primer (diluted in a ratio of 1 part suction block to 3 parts water) on Rotkalk in-Board Laibung TecTem®.

#### Application temperature / climatic conditions

During application and drying the room and substrate temperatures may not fall below +5 °C.

#### Note

Rotkalk in-Board Laibung TecTem® is packaged in a carton for delivery. Full Euro pallets are wrapped in foil. Do not stack pallets on one another. When unloading an placing the pallets or individual cartons ensure that the corners and edges are not damaged. Avoid bending stresses.

Don not apply damp or wet panels.  
The necessary Rotkalk in-accessory products can be found in the Rotkalk in-system range.

### Technical data

Description	Standard	Unit	Rotkalk in-Board Laibung TecTem® reveal
Reaction to fire	EN 13501-1	Class	A1
Format W x L	–	mm	625 x 309
Thickness	EN 823	mm	25
Dry density	EN 1602	kg/m <sup>3</sup>	approx. 150
Tensile strength	EN 1607	kPa	≥ 120
Compressive strength	EN 826	kPa	≥ 300
Flexural strength	EN 12089	kPa	≥ 200
Thermal conductivity λ <sub>D</sub>	EN 12667	W/(m·K)	0.055
Water vapour diffusion resistance μ	EN 12086	–	5 – 6
Water absorption coefficient A <sub>w</sub>	DIN 52617	kg/(m <sup>2</sup> ·s <sup>0.5</sup> ) kg/(m <sup>2</sup> ·h <sup>0.5</sup> )	approx. 1.76 approx. 105.4

### Product range

Description	Application mm	Packaging unit		Material number	EAN
		Pieces/box	m <sup>2</sup> /carton		
Rotkalk in-Board Laibung TecTem® reveal	25	15	2.89	00530854	4003950115707



#### Observe safety data sheet!

For safety data sheets and CE marking see [pd.knauf.de](http://pd.knauf.de)



Videos for Knauf systems and products can be found under the following link:

[youtube.com/knauf](https://www.youtube.com/knauf)



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