

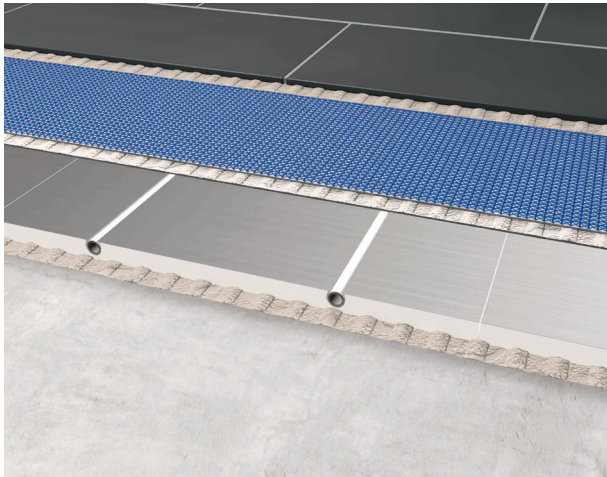


FÜR HANDWERK, DAS ÜBERZEUGT.

TECHNICAL DATA SHEET

BLANKE PERMATOP

Fast-reacting underfloor heating and cooling system with low installation weight and fast control response



Features

- > Thin layer
- > Water-based system
- > Cuts down long construction time
- > Easy to handle
- > Energy-saving
- > Fast-reacting
- > Noise insulation (PERMATOP 1000)

Product description

BLANKE PERMATOP is a patented, universal, thin-layered and secure floor construction system installed beneath the floor covering. It is based on individual heating elements made of EPS or Neopor with ex works-bonded aluminium heat diffusion plate.

The system includes suitable composite metal piping. The underlayment consists of BLANKE PERMAT together with BLANKE GLUEMAX. Installation height without floor covering ranges from 30 to 35 mm. A test certificate issued by MFPA Leipzig evaluating the impact noise reduction properties is available for BLANKE PERMATOP 1000.

Areas of application

BLANKE PERMATOP can be installed on all load-bearing, even, common substrates used in renovations sector as well as in new construction. The system can also be glued on insulations with sufficient load-bearing capacities.

Installation

Glue BLANKE PERMATOP panels onto the prepared, even substrate. Press the CMP system pipe into the slots. Afterwards, apply the special adhesive BLANKE GLUEMAX onto the surface using a spreader comb, and while the adhesive is still fresh, lay BLANKE PERMAT over the adhesive and press down.

Technical Data

EPS system panels

Pipe spacing:	25.0 and 12.5 cm
Length/width:	Grooved panels: 100/50 cm Return panels: 25/50 cm
Height:	35 mm
Thermal conductivity group:	WLG 035
Bulk density:	30 kg/m ³
Fire class:	B1
Tested impact sound reduction according to ISO 717-2	
Reduction:	11 dB

Neopor system panels

Pipe spacing:	25.0 and 12.5 cm
Length/width	Grooved panels: 100/50 cm Return panels: 25/50 cm
Height:	30 mm
Thermal conductivity group:	WLG 032
Bulk density:	30 kg/m ³
Fire class:	B1

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Technical Data

Wood fibre system panel

Pipe spacing:	25.0 and 12.5 cm
Length/width	Grooved panels: 100/50 cm
Length/width	thickness: 25/50 cm
Height:	35 mm
Thermal conductivity	
group:	WLG 050
Bulk density:	200 kg/m ³
Fire class:	B1

Aluminium heat diffusion plate

Thermal conductivity:	>200 W/mK
Material thickness:	0.5 mm

Pipe

Pipe dimension:	16 x 2 mm
Weight per 1m:	104 g
Water content:	0.113 l/lm
Roll length:	100/200/300/500 m

Edge insulation strip

Dimension:	150 x 10 mm
Compressibility:	5 mm

BLANKE GLUEMAX, BLANKE PERMAT

Information can be found in the corresponding technical data sheets.

Attention: The correct and thus successful use of our products is not subjected to our inspection. Liability can therefore only be accepted for the quality of our products within the framework of our terms of sales and delivery, but not for successful installation. This data sheet supersedes all previous technical data sheets for this product. We reserve the right to make changes which represent technical progress. Information provided by our employees which goes beyond the scope of this data sheet requires written confirmation.

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Author: JP 26.04.2019
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