

# InSuFloor

Technical data sheet

## Product description:

<b>Application</b>	Insulation of floors and prefabricated applications
<b>Insulation</b>	Polyisocyanurate (PIR) with recycled content
<b>Facing</b>	Gas-tight aluminium multi-layer facing on both sides
<b>Dimensions</b>	1.200 × 600 mm and 2.400 × 1.200 mm
<b>Edge finish</b>	Straight edges

### InSuFloor 1.200 x 600mm

Thickness	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Rd value	0,90	1,35	1,80	2,25	2,70	3,15	3,60	4,05	4,50	5,00	5,45	5,85	6,35	6,80

### InSuFloor XL 2.400 x 1.200mm

Thickness	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Rd value	0,90	1,35	1,80	2,25	2,70	3,15	3,60	4,05	4,50	5,00	5,45	5,85	6,35	6,80

## Technical data:

Thermal conductivity $\lambda$ D (EN 13165)	0,022 W/(m.K)
Compressive strength at 10% deformation (EN 826)	$\geq$ 150 kPa (1,5 kg/cm)
Dimensional stability (EN 1604, 48h, 70°C at 90% RV)	D(70,90) Class 3
Dimensional stability (EN 1604 48h, -20°C)	D(-20,-) Class 1
Density (EN 1602)	$\pm$ 32 kg/m <sup>3</sup>
Water vapour diffusion resistance factor of PIR foam ( $\mu$ )	50-100
Reaction to fire (EN 13501-1) product	F
Closed cell content (EN ISO 4590)	$\geq$ 90%

## Certificates:

CE	PU - EN13165 - T2 DS(70,90)3 - DS(-20,-)1 - CS(10/Y)150
DoP	No. 2606 – DoP – 2024/08/01
EPBD	InSuFloor-2606
BCRG	20230137GK
ISDE	On request

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