

InSuFloor

Performance declaration

No. 0630 – DoP – 2024/08/01

InSuFloor

Unique identification code per product type	InSuFloor
Intended use	Thermal insulation of buildings
Manufacturer	InSus B.V. - Roelofshoeveveg 28 - NL 6921 RG Duiven, Netherlands
AVCP system	System 4: reaction in case of fire System 3: all other properties
Harmonised standard	EN 13165:2012 + A2:2016
Notified bodies	Notified body No NB 1931 carried out the tests on the indicated essential characteristics under system AVCP3

Essential features	Performance	hEN technical specifications
Reaction in case of fire (product)	F	EN 13501-1
Response to fire (end-use)	NPD	-
Durability of fire reaction against heat, weathering, ageing/degradation	Fire reaction does not change over time	-
Thermal conductivity (λ D W/(mK))	0,022	EN 12667
Thermal resistance (Rd m ² .K/W)	DN 30 mm 1.35 DN 40 mm 1.80 DN 50 mm 2.25 DN 60 mm 2.70 DN 70 mm 3.15 DN 80 mm 3.60 DN 90 mm 4.05 DN 100 mm 4.50 DN 110 mm 4.95 DN 120 mm 5.45 DN 130 mm 5.90 DN 140 mm 6.35 DN 160 mm 7.25 DN 180 mm 8.15 DN 200 mm 9.05	EN 13165:2012 + A2:2016 Annex C
Thickness tolerance	DN 30-49 mm T2 DN 50-200 mm T2	EN 823
Dimensional stability at specified temperature and humidity conditions	DS (70,90)3 DS (-20,-)1	EN 1604
Deformation at specified pressure loads and temperature conditions	NPD	EN 1605
Creep compressive strength	NPD	EN 1606
Tensile strength perpendicular to plate surface	NPD	EN 1607
Compressive strength	CS(10Y)150	EN 826

Version 02-2024 • Changes, typographical errors and printing mistakes excepted. This version replaces all previous copies

Long-term water absorption at full immersion	NPD	EN 12087
Short-term water absorption during partial immersion	NPD	EN 1609
Flatness after one-sided wetting	NPD	EN 825
Water vapour permeability	NPD	EN 12086
Acoustic absorption	NPD	EN ISO 354
Afterglow	NPD	-
Release of hazardous substances into indoor environment	NPD	-

The performance of the product described above is in accordance with the stated performance. This performance declaration is provided in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer named above.

Signed for and on behalf of the manufacturer by:

Peter Hoekman,
Director

Duiven, the Netherlands, August 1, 2024

A signed copy is available upon request.