

Declaration of Performance

No. CZ0004-003

1 Unique identification code of the product-type E01 01

Product/s: Isover EPS 100

2 Intended use or uses: Thermal insulation for buildings (ThIB)

3 Manufacturer: Saint-Gobain Construction Products CZ a.s.
Smrčkova 2485/4, 180 00 Prague 8 - Libeň
Czech Republic
IČO: 25029673, DIČ: CZ 25029673

4 Authorised representative: není relevantní

5 System/s of AVCP: System 3

6 Notified body/ies: 1390 Centrum stavebního inženýrství a.s. Praha

Harmonised standard: EN 13163:2012+A1:2015

Essential characteristics	Performance	Abreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	E*
Release of dangerous substances	Release of dangerous substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact noise transmission index	Dynamic stiffness	s'	MN/m ³	NPD
	Thickness	d _L	mm	NPD
Direct airborne sound insulation index	Compressibility	c	mm	NPD
	Air flow resistivity	s'	MN/m ³	NPD
Continous glowing combustion	Continous glowing combustion			NPD
Thermal resistance	Thermal resistance	R _D	m ² K/W	**
	Thermal conductivity	λ _D	W/m K	0.037
	Thickness	d _N	mm	10-200
Water permeability	Short term water absorption	W _{tp}	kg/m ²	NPD
	Long term water absorption	W _{lt}	%	5
Water vapour permeability	Water vapour transmission	MU	-	NPD
Compressive strength	Compressive stress or compressive strength	CS	kPa	100
	Point load	DLT (5)	%	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	RtF	Euroclass	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance	R	m ² K/W	**
	Thermal conductivity	λ	W/m K	0,037
	Durability characteristics	-	-	NPD
Tensile/Flexural strength	Thickness class	BS	kPa	150
	Tensile strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD
		FTCI	-	NPD
			-	NPD

NOTE: For characteristics where e.g. the declaration is different for different thickness a table is needed instead of a single value in the table above

Thickness [mm]	Length × width [mm]	Volume per package			Declared thermal resistance R _D [m ² ·K·W ⁻¹]
		[pcs]	[m ³]	[m ²]	
10	1 000 × 500	50	25.0	0.250	0.25
20	1 000 × 500	25	12.5	0.250	0.50
30	1 000 × 500	16	8.0	0.240	0.80
40	1 000 × 500	12	6.0	0.240	1.05
50	1 000 × 500	10	5.0	0.250	1.35
60	1 000 × 500	8	4.0	0.240	1.60
80	1 000 × 500	6	3.0	0.240	2.15
100	1 000 × 500	5	2.5	0.250	2.70
120	1 000 × 500	4	2.0	0.240	3.20
140	1 000 × 500	3	1.5	0.210	3.75
160	1 000 × 500	3	1.5	0.240	4.30
180	1 000 × 500	2	1.0	0.180	4.85
200	1 000 × 500	2	1.0	0.200	5.40

Specification code: EPS-EN13163-T2-L3-W3-S5-P10-BS150-CS(10)100-DS(N)2-DS(70,-)1-DLT(1)5-WL(T)5

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued by the Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Petr Kopecký
Name
Business Unit EPS Manager
Function


Signature

Český Brod
Place
20.5.2026
Date

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SAINT-GOBAIN

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