

# Declaration of Performance

No. CZ0004-064

<b>1 Unique identification code of the product-type</b>	E01 01
<b>Product/s:</b>	<b>Isover EPS 100</b>
<b>2 Intended use or uses:</b>	Thermal insulation for buildings (ThIB)
<b>3 Manufacturer:</b>	<b>Saint-Gobain Construction Products CZ a.s.</b> <b>Smrčkova 2485/4, 180 00 Prague 8 - Libeň</b> <b>Czech Republic</b> <b>IČO: 25029673, DIČ: CZ 25029673</b>
<b>4 Authorised representative:</b>	není relevantní
<b>5 System/s of AVCP:</b>	System 3
<b>6 Notified body/ies:</b>	<b>1390</b> Centrum stavebního inženýrství a.s. Praha
<b>Harmonised standard:</b>	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 <sup>3</sup>	NPD
	Thickness	d <sub>L</sub>	mm	NPD
Direct airborne sound insulation index	Compressibility	c	mm	NPD
	Air flow resistivity	s'	MN/m <sup>3</sup>	NPD
Continous glowing combustion	Continous glowing combustion			NPD
Thermal resistance	Thermal resistance	R <sub>D</sub>	m <sup>2</sup> K/W	**
	Thermal conductivity	λ <sub>D</sub>	W/m K	0.037
	Thickness	d <sub>N</sub>	mm	10-200
Water permeability	Short term water absorption	W <sub>tp</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>lt</sub>	%	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 <sup>2</sup> K/W	**
	Thermal conductivity	λ	W/m K	0.037
Tensile/Flexural strength	Durability characteristics	-	-	NPD
	Thickness class	BS	kPa	150
Durability of compressive strength against heat, weathering, ageing/degradation	Tensile strength perpendicular to faces	TR	kPa	NPD
	Compressive creep	Xct, Xt FTCI	mm - -	NPD 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 <sub>D</sub> [m <sup>2</sup> ·K·W <sup>-1</sup> ]
		[pcs]	[m <sup>3</sup> ]	[m <sup>2</sup> ]	
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	Lipník nad Bečvou Place 20.5.2026 Date	 SAINT-GOBAIN e-mail: info@isover.cz, www.isover.cz
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