

# Declaration of Performance

No. CZ0001-004

1 Unique identification code of the product-type

S01 01

Product/s:

**Isover ORSIK**

2 Intended use or uses:

Thermal insulation for buildings (ThIB)

3 Manufacturer:

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

4 Authorised representative:

not relevant

5 Systém/s of AVCP:

System 1  
System 3

6 Notified body/ies:

1023

Institut pro testování a certifikaci a.s.

Harmonised standard:

EN 13162:2012+A1:2015

Essential characteristics	Performance		Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1
Realease of Dangerous Substances	Realease 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
	Compressibility	c	mm	NPD
	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Direct airborne sound insulation index	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R <sub>D</sub>	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ <sub>D</sub>	W/m K	0,037
	Thickness	d <sub>N</sub>	mm	40-200
	Thickness Class	T	Class	T2
Water Permeability	Short term Water absorption	W <sub>B</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>lp</sub>	kg/m <sup>2</sup>	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F <sub>p</sub>	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ	W/m K	0,037
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD

a) The parameter R is valid for the thickness of the product, range of thickness and thermal resistance - see product data sheet on the web [www.isover.cz](http://www.isover.cz)  
Table 2

Thickness [mm]	Length × width [mm]	Volume per package			Quantity per pallet [m <sup>2</sup> ]	Declared thermal resistance R <sub>D</sub> [m <sup>2</sup> ·K·W <sup>-1</sup> ]
		[pcs]	[m <sup>2</sup> ]	[m <sup>3</sup> ]		
40	1200 × 625	12	9.00	0.36	207.00	1.05
50	1200 × 625	10	7.50	0.38	165.00	1.35
60	1200 × 625	8	6.00	0.36	138.00	1.60
70	1200 × 625	6	4.50	0.32	117.00	1.85
80	1200 × 625	6	4.50	0.36	103.50	2.15
90	1200 × 625	4	3.00	0.27	87.00	2.40
100	1200 × 600	5	3.60	0.36	82.80	2.70
120	1200 × 600	4	2.88	0.35	66.24	3.20
140	1200 × 600	4	2.88	0.40	57.60	3.75
160	1200 × 600	3	2.16	0.35	49.68	4.30
180	1200 × 600	3	2.16	0.39	43.20	4.85
200	1200 × 600	2	1.44	0.29	37.44	5.40

Specification code:

MW-EN 13162-T2-MU1

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.

Jiří Šulák  
Name

Plant director  
Function



Signature

Častolovice  
Place

10.1.2024  
Date

  
SAINT-GOBAIN

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