

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: 1390 Centrum stavebního inženýrství a.s. Praha

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>p</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 Table 2 or product data sheet on the web www.isover.cz

Table 2

Thickness [mm]	40	50	60	70	80	90	100	120	140	160	180	200
Length × width [mm]	1200 × 625						1200 × 600					
[pcs]	12	10	8	6	6	4	5	4	3	3	2	2
Volume per package [m <sup>3</sup> ]	9,00	7,50	6,00	4,50	4,50	3,00	3,60	2,88	2,16	2,16	1,44	1,44
[m <sup>2</sup> ]	0,36	0,38	0,36	0,32	0,36	0,27	0,36	0,35	0,30	0,35	0,26	0,29
Quantity per palette [m <sup>2</sup> ]	207,00	165,00	138,00	117,00	103,50	87,00	82,80	66,24	56,16	49,68	41,76	37,44
Declared thermal resistance R <sub>0</sub> [m <sup>2</sup> ·K/W]	1,05	1,35	1,60	1,85	2,15	2,40	2,70	3,20	3,75	4,30	4,85	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  
26.8.2020  
Date

**ISOVER**  
SAINT-GOBAIN

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