

1	Unique identification code of the product-type	S01 01
	Product/s:	<b>Isover ORSIK</b> <b>Isover ORSET</b>
2	Intended use or uses:	Thermal insulation for buildings (ThIB)
3	Manufacturer:	<b>Saint - Gobain Construction Product CZ a.s.</b> <b>Smrčková 2485/4, 180 00 Prague 8 – Libeň</b> <b>Czech Republic</b> <b>IČO: 25029673, DIČ: CZ 25029673</b>
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
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
	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
Continuous glowing combustion	Continuous 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	0,038
	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	0,038
	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.isoover.cz](http://www.isoover.cz)

Table 2

Thickness [mm]	40	50	60	70	80	90	100	120	140	160	180	200
Length × width [mm]	1200 × 625						1200 × 600					
Volume per package [ks]	12	10	8	8	6	4	6	5	4	4	3	3
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
	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>D</sub> [m <sup>2</sup> ·K·W <sup>-1</sup> ]	1.05	1.30	1.55	1.80	2.10	2.35	2.60	3.15	3.65	4.20	4.70	5.25

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

15.7.2019  
Date

**ISOVER**  
SAINT-GOBAIN

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