

Declaration of Performance

No. CZ0001-004

1	Unique identification code of the product-type	S01 01
	Product/s:	Isover ORSIK Isover ORSET
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 ³	NPD
	Thickness	d _L	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,038
	Thickness	d _N	mm	40-200
	Thickness Class	T	Class	T2
Water Permeability	Short term Water absorption	W _p	kg/m ²	NPD
	Long term water absorption	W _{lp}	kg/m ²	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F _p	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 ² 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.isover.cz

Table 2

Thickness [mm]	40	50	60	70	80	100	120	140	160	180	200
Length x width [mm]	1200 x 625					1200 x 600					
Volume per package [ks]	12	10	8	8	6	6	5	4	4	3	3
Volume per package [m ³]	9.00	7.50	6.00	4.50	4.50	3.60	2.88	2.16	2.16	1.44	1.44
Quantity per palette [m ²]	0.36	0.38	0.36	0.32	0.36	0.36	0.35	0.30	0.35	0.26	0.29
Quantity per palette [m ²]	207.00	172.50	138.00	117.00	103.50	82.80	66.24	56.16	49.68	41.76	37.44
Declared thermal resistance R _D [m ² ·K·W ⁻¹]	1.05	1.30	1.55	1.80	2.10	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

1.5.2018

Date

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SAINT-GOBAIN

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