

1 Unique identification code of the product-type S01 01

Product/s: **Isover TOPSIL**

2 Intended use or uses: Thermal insulation for buildings (ThIB)

3 Manufacturer: **Saint - Gobain Construction Product CZ a.s.**  
**Smrčková 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>t</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	0,033
	Thickness	d <sub>N</sub>	mm	40-160
	Thickness Class	T	Class	T4
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	0,033
	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	80	100	120*	140	160
Length x width [mm]	1200 x 600							
Volume per package [ks]	12	10	8	6	5	4	3	3
Quantity per palette [m <sup>2</sup> ]	8.64	7.20	5.76	4.32	3.60	2.88	2.16	2.16
	0.35	0.36	0.35	0.35	0.36	0.35	0.30	0.35
Declared thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]	1.20	1.50	1.80	2.40	3.00	3.65	4.25	4.85

Specification code: MW-EN 13162-T4-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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