

1 Unique identification code of the product-type S01 01

Product/s: **Isover WOODSIL**

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
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	$d_i$	mm	NPD
	Compressibility	$c$	mm	NPD
	Air flow resistivity	$AF_r$	kPa.s/m <sup>2</sup>	NPD
Direct airborne sound insulation index	Air flow resistivity	$AF_r$	kPa.s/m <sup>2</sup>	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	$R_D$	m <sup>2</sup> K/W	a)
	Thermal Conductivity	$\lambda_D$	W/m K	0,035
	Thickness	$d_N$	mm	60-180
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	$W_B$	kg/m <sup>2</sup>	NPD
	Long term water absorption	$W_{lp}$	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	$F_P$	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 <sup>2</sup> K/W	a)
	Thermal Conductivity	$\lambda$	W/m K	0,035
	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](http://www.isover.cz)

Table 2

Thickness	[mm]	60	80	100	120	140	160	180
Length x width	[mm]	1200 x 580						
Volume per package	[ks]	8	6	5	4	3	3	2
	[m <sup>3</sup> ]	5.57	4.38	3.48	2.78	2.09	2.09	1.39
Quantity per palette	[m <sup>2</sup> ]	0.33	0.33	0.35	0.33	0.29	0.33	0.25
	[m <sup>2</sup> ]	128.06	96.05	80.04	64.03	54.29	48.02	40.37
Declared thermal resistance $R_D$	[m <sup>2</sup> ·K/W]	1.70	2.25	2.85	3.40	4.00	4.55	5.10

Specification code: MW-EN 13162-T4-DS(70,-)-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

**ISOVER**  
SAINT-GOBAIN

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