

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 ³	NPD
	Thickness	d_i	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	0,035
	Thickness	d_N	mm	60-180
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W_B	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	0,035
	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

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 ²]	5.57	4.38	3.48	2.78	2.09	2.09	1.39
Quantity per palette	[m ²]	0.33	0.33	0.35	0.33	0.29	0.33	0.25
	[m ²]	128.06	96.05	80.04	64.03	54.29	48.02	40.37
Declared thermal resistance R_D	[m ² ·K·W ⁻¹]	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

e-mail: info@isover.cz, www.isover.cz