

Declaration of Performance

No. CZ0001-034

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.
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:

1023

Institut pro testování a certifikaci a.s.

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 _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
Continuous glowing combustion	Continuous 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 _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	0,035
	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 product data sheet on the web www.isover.cz

Table 2

Thickness [mm]	Length × width [mm]	Volume per package			Quantity per pallet [m ²]	Declared thermal resistance R _D [m ² ·K·W ⁻¹]
		[pcs]	[m ²]	[m ²]		
60	1200 × 580	8	5.57	0.33	128.06	1.70
80	1200 × 580	6	4.18	0.33	96.05	2.25
100	1200 × 580	5	3.48	0.35	80.04	2.85
120	1200 × 580	4	2.78	0.33	64.03	3.40
140	1200 × 580	3	2.09	0.29	54.29	4.00
160	1200 × 580	3	2.09	0.33	48.02	4.55
180	1200 × 580	2	1.39	0.25	40.37	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

1.10.2023

Date

 ISOVER
SAINT-GOBAIN

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