

Declaration of Performance

No. CZ0001-010

1 Unique identification code of the product-type S01 02

Product/s:

Isover T-N

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: 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
	Dynamic stiffness	s'	MN/m ³	c)
	Thickness	d _l	mm	NPD
	Impact Noise Transmission Index	Compressibility	c	mm
Impact Noise Transmission Index	Air flow resistivity	AF _i	kPa.s/m ²	NPD
	Direct airborne sound insulation index	Air flow resistivity	AF _i	kPa.s/m ²
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	0,036
	Thickness	d _N	mm	25-50
	Thickness Class	T	Class	T6
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	0,036
	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

c) Dynamic stiffness parameter is valid for the product thickness, extent and thickness values of dynamic properties - the data sheets on the web www.isover.cz

Table 2

Thickness [mm]	Length x width [mm]	Volume per package			Quantity per pallet [m ²]	Declared thermal resistance R _D [m ² ·K·W ⁻¹]
		[pcs]	[m ²]	[m ³]		
25	1 200 x 600	8	5.76	0.14	69.12	0.65
30	1 200 x 600	7	5.04	0.15	60.48	0.80
40	1 200 x 600	6	4.32	0.17	43.20	1.10
50	1 200 x 600	4	2.88	0.14	34.56	1.35

Table 3

Dynamic stiffness s'	[mm]	Declaration according to EN 13162+A1 Měřeno dle ČSN ISO 9052-1 (idt. EN 29052-1)	Declared value of dynamic rigidity			SD
			25	30	40	
	[MN·m ⁻³]		25.0	20.4	19.5	14.6

Specification code: MW-EN 13162-T6-CP3-SDI*)-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 10.01.2024 Date	 e-mail: info@isover.cz, www.isover.cz
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