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. 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
Realease of Dangerous Substances	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m³	c)
	Thickness	d_L	mm	NPD
	Compressibility	c	mm	3
	Air flow resistivity	AF_r	kPa.s/m²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF_r	kPa.s/m²	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R_D	m² 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_p	kg/m²	NPD
	Long term water absorption	W_{lp}	kg/m²	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	m² 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 Table 2 or 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 - see Table 3 or the data sheets on the web www.isover.cz

Table 2

Thickness	[mm]	25	30	40	50
Length × width	[mm]	1200 × 600			
Volume per package	[pcs]	8	7	6	4
	[m²]	5.76	5.04	4.32	2.88
	[m³]	0.14	0.15	0.17	0.14
Quantity per palette	[m²]	69.12	60.48	43.20	34.56
Declared thermal resistance R_D	[m²·K·W⁻¹]	0.65	0.80	1.10	1.35

Table 3

Dynamic stiffness s' [4]		Declaration according to EN 13162+A1	Declared value of dynamic rigidity			SD
	[mm]		25	30	40	50
	[MN·m⁻³]	Measurement according to ČSN ISO 9052-1 (idt. EN 29052-1)	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.

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