

# Declaration of Performance

No. CZ0001-011

1 Unique identification code of the product-type S01 02

Product/s:

## Isover T-P

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
Realease 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>	c)
	Thickness	d <sub>L</sub>	mm	NPD
	Compressibility	c	mm	2
	Air flow resistivity	AF <sub>f</sub>	kPa.s/m <sup>2</sup>	NPD
Direct airborne sound insulation index	Air flow resistivity	AF <sub>f</sub>	kPa.s/m <sup>2</sup>	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R <sub>D</sub>	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ <sub>D</sub>	W/m K	0,037
	Thickness	d <sub>N</sub>	mm	20-50 120
	Thickness Class	T	Class	T7
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>B</sub>	kg/m <sup>2</sup>	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	40
	Point Load	F <sub>p</sub>	N	400
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	A1
	Thermal Resistance	R	m <sup>2</sup> K/W	a)
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Conductivity	λ	W/m K	0,037
	Durability Characteristics	d	mm	NPD
	Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa
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](http://www.isover.cz)

b) Sound absorption parameter is valid for the product thickness, thickness range and sound absorption values - see product data sheet on the website [www.isover.cz](http://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](http://www.isover.cz)

Table 2

Thickness [mm]	Length x width [mm]	Volume per package			Quantity per pallet [m <sup>3</sup> ]	Declared thermal resistance R <sub>D</sub> [m <sup>2</sup> ·K·W <sup>-1</sup> ]
		[pcs]	[m <sup>2</sup> ]	[m <sup>3</sup> ]		
20	1200 x 600	10	7.20	0.14	86.40	0.50
25	1200 x 600	8	5.76	0.14	69.12	0.65
30	1200 x 600	7	5.04	0.15	60.48	0.80
40	1200 x 600	6	4.32	0.17	43.20	1.05
50	1200 x 600	4	2.88	0.14	34.56	1.35

Table 3

Dynamic stiffness s'	[mm]	Declaration according to EN 13162+A1				SD
		Declared value of dynamic rigidity				
	[MN·m <sup>-3</sup> ]	20	25	30	40	50
		30.9	26.7	25.6	20.8	19.1

Specification code: MW-EN 13162-T7-DS(70,-)-DS(70,90)-CS(10)40-PL(5)400-CP2-SD(+)-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  
28.03.2023  
Date



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