

1 Unique identification code of the product-type S01 03

Product/s: Isover T

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_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
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	0,038
	Thickness	d_N	mm	60-140
	Thickness Class	T	Class	T5
Water Permeability	Short term Water absorption	W_p	kg/m ²	1
	Long term water absorption	W_{lp}	kg/m ²	3
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	50
	Point Load	F_p	N	500
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	0,038
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	7,5
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
Length x width [mm]	2000 x 1200				
Transport packaging [m ²]	3.02	3.07	3.12	2.88	2.69
Volume per package [m ³]	50.4	38.4	31.2	24.0	19.2
Declared thermal resistance R_D [m ² ·K·W ⁻¹]	1.55	2.10	2.60	3.15	3.60

Specification code: MW-EN 13162-T5-CS(10)50-TR7,5-WS-WL(P)-PL(5)500-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. Declaration of cut products Isover SD, Isover DK, Isover AK is derived from the declared parameters of this product.

Jiří Šulák
Name

Plant director
Function



Signature

Častolovice
Place

1.5.2018
Date

ISOVER
SAINT-GOBAIN

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