

Declaration of Performance

Number CZ0001-047

1	Unique identification code of the product-type:	S01 04
	Product/s:	Isover TF THERMO
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	System/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	Abreviation	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
	Dynamic stiffness	SDi	MN/m ³	NPD
Impact Noise Transmission Index	Thickness	d _i	mm	100-200
	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 ₀	m ² K/W	a)
	Thermal Conductivity	λ ₀	W/m K	0,035
	Thickness	d _n	mm	NPD
Water Permeability	Short term Water absorption	W ₀	kg/m ²	1
	Long term water absorption	W ₀	kg/m ²	3
Water vapour diffusion resistance	Water vapour diffusion resistance	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS(Y)	kPa	20
	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 ₀	m ² K/W	a)
	Thermal Conductivity	λ ₀	W/m K	0,035
	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 dependent on the thickness of the final product - see Table 2

Table 2

Thickness [mm]	100	120	140	150	160	180	200
Length x width [mm]	1000 x 600						
Volume per package [m ³]	2	2	2	2	2	1	1
Quantity per palette [m ³]	1,20	1,20	1,20	1,20	1,20	0,60	0,60
Declared thermal resistance R ₀ [m ² K/W]	0,120	0,144	0,168	0,180	0,192	0,108	0,120
Quantity per palette [m ²]	31,20	26,40	21,60	21,60	19,20	18,00	15,60

Specification code:

MW-EN 13162-T5-DS(70,90)-CS(10)20-TR7,5-WS-WL(P)-MU1

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Jiří Šulák Name Plant director Function	 Signature	Častolovice Place 16.3.2023 Date	 podpora@saint-gobain.com, www.isover.cz
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