

Declaration of Performance

Number **CZ0001-024**

1 Unique identification code of the product-type:	S01 04
Product/s:	Isover TF
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 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 _t	mm	20-240
	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	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W _s	kg/m ²	1
	Long term water absorption	W _{ls}	kg/m ²	3
Water vapour diffusion resistance factor	Water vapour diffusion resistance	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS(Y)	kPa	40
	Point Load	F _p	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	A1
	Thermal Resistance	R _D	m ² K/W	a)
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Conductivity	λ _D	W/m K	0,038
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	15
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]	20*	30**	40**	50**	60*	80*	100*	120*	140*	150*	160*	180*	200*	220*	240*
Length x width [mm]	1000 x 600														
Volume per package [m ³]	10	8	4	4	3	3	2	2	2	2	2	1	1	1	1
Quantity per package [m ²]	6,00	4,80	2,40	2,40	1,80	1,80	1,20	1,20	1,20	1,20	1,20	0,60	0,60	0,60	0,60
Quantity per palette [m ²]	0,120	0,144	0,096	0,120	0,108	0,144	0,120	0,144	0,368	0,180	0,192	0,108	0,120	0,132	0,144
Declared thermal resistance R _D [m ² ·K/W]	132,00	105,60	81,60	62,40	54,00	39,60	31,20	26,40	21,60	21,60	19,20	16,00	15,60	14,40	13,20

Specification code:

MW-EN 13162-T5-DS(70,90)-CS(10)40-TR15-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.

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