Declaration of Performance

Numbe CZ0001-056

1	**Unique identification code of the product-type:**	S01 04
	Product/s:	**Isover TF Prim**
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 to the indoor environment	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	SDi	MN/m³	NPD
	Thickness	d_L	mm	50-240
	Compressibility	c	mm	NPD
	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	0,035
	Thickness	d_N	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W_p	kg/m²	1
	Long term water absorption	W_{lp}	kg/m²	3
Water vapour diffusion resistance factor	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_D	m² K/W	a)
	Thermal Conductivity	λ_D	W/m K	0,035
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	10
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]	Length × width [mm]	Volume per package [pcs]	[m²]	[m³]	Quantity per palett [m²]	Declared thermal resistance R_D [m²·K·W⁻¹]
50	1 000 × 600	5	3.00	0.150	60.0	1.40
60	1 000 × 600	5	3.00	0.180	48.0	1.70
80	1 000 × 600	3	1.80	0.144	36.0	2.25
100	1 000 × 600	3	1.80	0.180	28.8	2.85
120	1 000 × 600	3	1.80	0.216	25.2	3.40
140	1 000 × 600	2	1.20	0.168	21.6	4.00
150	1 000 × 600	2	1.20	0.180	21.6	4.25
160	1 000 × 600	2	1.20	0.192	19.2	4.55
180	1 000 × 600	2	1.20	0.216	16.8	5.10
200	1 000 × 600	2	1.20	0.240	14.4	5.70
220	1 000 × 600	1	0.60	0.132	13.2	6.25
240	1 000 × 600	1	0.60	0.144	12.0	6.85
250	1 000 × 600	1	0.60	0.150	12.0	6.25
260	1 000 × 600	1	0.60	0.156	12.0	7.40
280	1 000 × 600	1	0.60	0.168	10.8	8.00
300	1 000 × 600	1	0.60	0.180	9.6	8.55

Specification code: MW-EN13 162-T5-DS(70,90)-CS(10)20-TR10-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		Častolovice	
Name		Place	
Plant director		1.7.2023	podpora@saint-gobain.com, www.isover.cz
Function	*Signature*	Date	