

Declaration of Performance

Numbe CZ0001-022

1	Unique identification code of the product-type:	S01 04
	Product/s:	Isover TF PROFI Fasádní minerální zátka
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
Impact Noise Transmission Index	Dynamic stiffness	SDi	MN/m ³	NPD
	Thickness	d _L	mm	TF PROFI 30-300 Fasádní minerální zátka 15
	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 _{ti}	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W _s	kg/m ²	1
	Long term water absorption	W _l	kg/m ²	3
Water vapour diffusion resistance factor μ	Water vapour diffusion resistance factor	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS(Y)	kPa	30
	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	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]	30	40	50	60	70*	80	100	120	140	150	160	180	200	220	240	250	260*	280*	300*
Length * width [mm]	1000 * 600																		
Volume per package [m ³]	0,480	0,240	0,160	0,120	0,096	0,080	0,064	0,053	0,045	0,040	0,036	0,032	0,028	0,025	0,022	0,020	0,018	0,016	0,014
Quantity per palette [m ²]	0,144	0,096	0,120	0,108	0,126	0,144	0,120	0,144	0,168	0,180	0,192	0,108	0,120	0,132	0,144	0,150	0,156	0,168	0,180
Declared thermal resistance R ₀ [m ² K/W]	0,85	1,10	1,40	1,70	2,00	2,25	2,85	3,40	4,00	4,25	4,55	5,10	5,70	6,25	6,85	7,10	7,40	8,00	8,55

Specification code:

MW-EN 13162-T5-DS(70,90)-CS(10)30-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 Name Plant director Function	 Signature	Častolovice Place 16.3.2023 Date	 podpora@saint-gobain.com, www.isover.cz
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