Declaration of Performance

Number 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.** **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: **1390**	Centrum stavebního inženýrství a.s. Praha
	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/m³	NPD
	Thickness	d_L	mm	TF PROFI 20-300 Fasádní minerální zátka 15
	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 μ	Water vapour diffusion resistance factor μ	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_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]	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	[pcs]	8	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
	[m²]	4.80	2.40	2.40	1.80	1.80	1.80	1.20	1.20	1.20	1.20	1.20	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
	[m³]	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
Quantity per palette	[m²]	105.60	81.60	62.40	54.00	43.20	39.60	31.20	26.40	21.60	21.60	19.20	18.00	15.60	14.40	13.20	12.00	12.00	10.80	10.80
Declared thermal resistance R_D	[m²·K·W⁻¹]	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

Častolovice
Place
1.3.2022
Date

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