

Declaration of Performance

DoP CZ0001-022

1 Unique identification code of the product-type: S01 04

Product/s:

Isover TF PROFI

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: 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/m ³	NPD
	Thickness	d _L	mm	30-300
	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	0,036
	Thickness	d _N	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W _p	kg/m ²	1
	Long term water absorption	W _{lp}	kg/m ²	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	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,036
	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	260*	280*	300*
Length x width [mm]	1000 x 600																	
Volume per package [ks]	8	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1
Volume per package [m ³]	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
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	0.156	0.168	0.180
Declared thermal resistance R _D [m ² ·K/W]	0.80	1.10	1.35	1.65	1.90	2.20	2.75	3.30	3.85	4.15	4.40	5.00	5.55	6.10	6.65	7.20	7.75	8.30

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
1.5.2018
Date

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SAINT-GOBAIN

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