

Declaration of Performance

No. CZ0001-006

1 Unique identification code of the product-type

S01 01

Product/s:

Isover FASSIL
Isover FASSIL NT

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 Systém/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		Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A1
Release of Dangerous Substances	Release of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
	Dynamic stiffness	s'	MN/m²	NPD
Impact Noise Transmission Index	Thickness	d _i	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF _r	kPa.s/m²	NPD Isover Fassil 20 Isover Fassil NT
Direct airborne sound insulation index	Air flow resistivity	AF _r	kPa.s/m²	NPD Isover Fassil 20 Isover Fassil NT
Continuous glowing combustion	Continuous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R ₀	m² K/W	a)
	Thermal Conductivity	λ ₀	W/m K	0,034
	Thickness	d _{th}	mm	30-200 Isover FASSIL 50-200 Isover FASSIL NT
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W _s	kg/m²	NPD
	Long term water absorption	W _{lt}	kg/m²	NPD
Water vapour permeability	Water vapour transmission	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	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	m² K/W	a)
	Thermal Conductivity	λ	W/m K	0,034
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD

a) The parameter R is valid for the thickness of the product, range of thickness and thermal resistance - see product data sheet on the web www.isover.cz

Table 2
Isover FASSIL

Thickness [mm]	Length x width [mm]	Volume per package			Quantity per pallet [m²]	Declared thermal resistance R ₀ [m²·K/W]
		[pcs]	[m³]	[m³]		
30*	1 200 x 600 (625')	16	11.52	0.35	264.96	0.85
40*	1 200 x 600 (625')	12	8.64	0.35	198.72	1.15
50	1 200 x 600 (625')	10	7.20	0.36	165.60	1.45
60	1 200 x 600 (625')	8	5.76	0.35	132.48	1.75
80	1 200 x 600 (625')	6	4.32	0.35	99.36	2.35
100	1 200 x 600 (625')	5	3.60	0.36	82.80	2.90
120	1 200 x 600 (625')	4	2.88	0.35	66.24	3.50
140	1 200 x 600 (625')	3	2.16	0.30	56.16	4.10
160	1 200 x 600 (625')	3	2.16	0.35	49.68	4.70
180*	1 200 x 600 (625')	2	1.44	0.26	41.76	5.25
200*	1 200 x 600 (625')	2	1.44	0.29	37.44	5.85

* Consult with producer for terms of delivery.

Isover FASSIL NT

Thickness [mm]	Length x width [mm]	Quantity per pallet [m²]	Quantity per pallet [m²]	Declared thermal resistance R ₀ [m²·K/W]
50*	1 200 x 1 000	2.520	50.40	1.45
60*	1 200 x 600	3.110	51.84	1.75
80*	1 200 x 600	3.110	38.88	2.35
100*	1 200 x 600	3.024	30.24	2.90
120*	1 200 x 600	3.110	25.92	3.50
140*	1 200 x 600	3.024	21.60	4.10
160*	1 200 x 600	2.765	17.28	4.70
180*	1 200 x 600	3.024	16.80	5.25
200*	1 200 x 600	2.880	14.40	5.85

* Consult the producer for terms of delivery.

Specification code:

MW-EN 13162-T4-DS(70,-)-MU1

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued by the Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Declaration of cut products Isover TRV is derived from the declared parameters of this product.

Jiří Sulák Name		Castolovice Place	
Plant director Function	Signature	17.6.2024 Date	e-mail: info@isover.cz , www.isover.cz