

Declaration of Performance

No. CZ0001-043

1 Unique identification code of the product-type S01 01

Product/s:

Isover TOPSIL
Isover TOPSIL NT

2 Intended use or uses: Thermal insulation for buildings (ThIB)

3 Manufacturer: Saint-Gobain Construction Products CZ a.s.
Smrčkova 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
Realease of Dangerous Substances	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m²	NPD
	Thickness	d _i	mm	NPD
	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 ₀	m² K/W	a)
	Thermal Conductivity	λ ₀	W/m K	0,033
	Thickness	d _R	mm	Isover Topsil 40-180 Isover Topsil NT 50-200
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W _s	kg/m²	NPD
	Long term water absorption	W _{lg}	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	0,033
	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 TOPSIL

Thickness [mm]	Length × width [mm]	Volume per package			Quantity per pallet [m²]	Declared thermal resistance R ₀ [m²·K·W ⁻¹]
		[pcs]	[m²]	[m³]		
40	1 200 × 600	12	8.64	0.35	198.72	1.20
50	1 200 × 600	10	7.20	0.36	165.60	1.50
60	1 200 × 600	8	5.76	0.35	132.48	1.80
80	1 200 × 600	6	4.32	0.35	99.36	2.40
100	1 200 × 600	5	3.60	0.36	82.80	3.00
120	1 200 × 600	4	2.88	0.35	66.24	3.60
140	1 200 × 600	3	2.16	0.30	56.16	4.20
160*	1 200 × 600	3	2.16	0.35	49.68	4.80
180*	1 200 × 600	x	x	x	16.80	5.45

* Non-standard product, delivery terms on request.

Isover TOPSIL NT

Thickness [mm]	Length × width [mm]	Quantity per pallet [m²]	Quantity per pallet [m³]	Declared thermal resistance R ₀ [m²·K·W ⁻¹]
50*	1 200 × 1 000	2.520	50.40	1.50
60*	1 200 × 600	3.110	51.84	1.80
80*	1 200 × 600	3.110	38.88	2.40
100*	1 200 × 600	3.024	30.24	3.00
120*	1 200 × 600	3.110	25.92	3.60
140*	1 200 × 600	3.024	21.60	4.20
160*	1 200 × 600	2.765	17.28	4.80
180*	1 200 × 600	3.024	16.80	5.45
200*	1 200 × 600	2.880	14.40	6.05

* Consult the producer for terms of delivery.

Specification code: MW-EN 13162-T4-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.

Jiří Šulák
Name
Plant director
Function


Signature

Častolovice
Place
1.2.2025
Date



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