

Declaration of Performance

Number CZ0001-049

1 Unique identification code of the product-type:	S02 04
Product/s:	ISOVER Top V ISOVER Top V Final
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	Abbreviation	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	SDi	MN/m ³	NPD
Impact Noise Transmission Index	Thickness	d _i	mm	50-200
	Compressibility	c	mm	NPD
	Air flow resistivity	AF _i	kPa.s/m ²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF _i	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	0,040
	Thickness	d ₀	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W _p	kg/m ²	1
	Long term water absorption	W _{lg}	kg/m ²	3
Water vapour diffusion resistance factor	Water vapour diffusion resistance	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
	Thermal Resistance	R ₀	m ² K/W	a)
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Conductivity	λ ₀	W/m K	0,040
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	30
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
ISOVER Top V

Thickness [mm]	50*	60*	80*	100*	120*	140*	150*	160*	180*	200*
Length x width [mm]	1000 x 333									
Volume per package [pcs]	12	8	6	6	4	3	4	3	3	3
Quantity per package [m ²]	4,00	2,66	2,00	2,00	1,33	1,00	1,33	1,00	1,00	1,00
Quantity per palette [m ²]	0,200	0,160	0,160	0,200	0,160	0,140	0,200	0,160	0,180	0,200
Declared thermal resistance R ₀ [m ² ·K·W ⁻¹]	64,00	53,20	40,00	32,00	26,60	24,00	21,28	20,00	20,00	16,00
Declared thermal resistance R ₀ [m ² ·K·W ⁻¹]	1,25	1,50	2,00	2,50	3,00	3,50	3,75	4,00	4,50	5,00

ISOVER Top V Final

Thickness [mm]	50*	60*	80*	100*	120*	140*	150*	160*	180*	200*
Length x width [mm]	1000 x 333									
Quantity per package [pcs]	120	99	75	60	48	42	39	36	33	30
Quantity per palette [m ²]	48	39,6	30	24	19,2	16,8	15,6	14,4	13,2	12
Declared thermal resistance R ₀ [m ² ·K·W ⁻¹]	1,25	1,50	2,00	2,50	3,00	3,50	3,75	4,00	4,50	5,00

Specification code:

MW-EN 13162-T5-DS(70,-)-CS(10)30-TR30-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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