

Declaration of Performance

DoP CZ0001-049

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

Product/s:

Isover TOP V

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
Release of Dangerous Substances	Release 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	50-200
	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 ₀	m ² K/W	a)
	Thermal Conductivity	λ ₀	W/m K	0,040
	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 ₀	m ² K/W	a)
	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

Tloušťka [mm]	50*	60*	80*	100*	120*	140*	150*	160*	180*	200*
Délka x šířka [mm]	1000 x 333									
Množství v balíku [ks]	12	8	6	6	4	3	4	3	3	3
Množství v paletě [m ²]	4,00	2,66	2,00	2,00	1,33	1,00	1,33	1,00	1,00	1,00
Množství na paletě [m ²]	0,200	0,160	0,160	0,200	0,160	0,140	0,200	0,160	0,180	0,200
Tepelný odpor 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
	1,25	1,50	2,00	2,50	3,00	3,50	3,75	4,00	4,50	5,00

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



Častolovice
Place
1.5.2018
Date

ISOVER
SAINT-GOBAIN

e-mail: info@isover.cz, www.isover.cz