

Declaration of Performance

Numbe CZ0001-023

1 Unique identification code of the product-type: S02 04

Product/s: Isover NF 333

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

3 Manufacturer: Saint - Gobain Construction Product CZ a.s.
Smrkova 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
Realease of Dangerous Substances	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	SDi	MN/m²	NPD
	Thickness	d _i	mm	30-300
	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 _D	m² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,040
	Thickness	d _h	mm	NPD
	Thickness Class	Ti	Class	T5
Water Permeability	Short term Water absorption	W _B	kg/m²	1
	Long term water absorption	W _B	kg/m²	3
Water vapour diffusion resistance factor μ	Water vapour diffusion resistance factor	MU	-	1
Compressive strength	Compressive stress or compressive strength	CS(Y)	kPa	40
	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	m² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,040
	Durability Characteristics	d	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	80
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]	Length × width [mm]	Volume per package			Quantity per palett [pcs]	Quantity per palett [m³]	Declared thermal resistance R _D [m²·K/W]
		[pcs]	[m³]	[m²]			
30	1 200 × 333	20	8.00	0.240	12	95.99	0.75
40	1 200 × 333	15	6.00	0.240	12	71.99	1.00
50	1 200 × 333	12	4.80	0.240	12	57.59	1.25
60	1 200 × 333	8	3.20	0.192	15	48.00	1.50
80	1 200 × 333	6	2.40	0.192	15	36.00	2.00
100	1 200 × 333	6	2.40	0.240	12	28.80	2.50
120	1 200 × 333	4	1.60	0.192	15	24.00	3.00
140	1 200 × 333	3	1.20	0.168	18	21.60	3.50
150	1 200 × 333	4	1.60	0.240	12	19.20	3.75
160	1 200 × 333	3	1.20	0.192	15	18.00	4.00
180	1 200 × 333	3	1.20	0.216	15	18.00	4.50
200	1 200 × 333	3	1.20	0.240	12	14.40	5.00
220	1 200 × 333	2	0.80	0.176	18	14.40	5.50
240	1 200 × 333	2	0.80	0.192	15	12.00	6.00
260*	1 200 × 333	2	0.80	0.208	15	12.00	6.50
280*	1 200 × 333	1	0.40	0.112	27	10.80	7.00
300*	1 200 × 333	2	0.80	0.240	12	9.60	7.50

* Consult with producer for terms of delivery. Upon agreement can be produced thickness. Insulation up to 340 mm.

Specification code: MW-EN 13162-T5-DS(70,90)-CS(10)40-TR80-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
1.8.2023
Date


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