

Declaration of Performance

DoP CZ0001-023

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

Product/s:

Isover NF 333

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

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	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
Impact Noise Transmission Index	Dynamic stiffness	SDi	MN/m ³	NPD
	Thickness	d _L	mm	20-300
	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
Continuous glowing combustion	Continuous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,041
	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	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	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,041
	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]	100	120	140	150	160	180	200
Length x width [mm]	1000 x 600						
Volume per package [ks]	2	2	2	2	2	1	1
Volume per package [m ³]	120	120	120	120	120	0.60	0.60
Quantity per palette [m ²]	0.120	0.144	0.168	0.180	0.192	0.108	0.120
Declared thermal resistance R _D [m ² K/W]	2.85	3.40	4.00	4.25	4.55	5.10	5.70

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



Častolovice
Place
6.11.2019
Date

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SAINT-GOBAIN

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