

# Declaration of Performance

No. CZ0001-009

1 Unique identification code of the product-type S01 02

Product/s: Isover N

2 Intended use or uses: Thermal insulation for buildings

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 Systém/s of AVCP: System 1  
System 3

6 Notified body/ies: 1390 Centrum stavebního inženýrství a.s. Praha

Harmonised standard: EN 13 162: 2012+A1:2015

Essential characteristics	Performance		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	-	-	b)
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m <sup>3</sup>	c)
	Thickness	d <sub>L</sub>	mm	NPD
	Compressibility	c	mm	5
	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Direct airborne sound insulation index	Air flow resistivity	AF <sub>r</sub>	kPa.s/m <sup>2</sup>	NPD
Continous glowing combustion	Continous glowing combustion	-	-	NPD
Thermal Resistance	Thermal Resistance	R <sub>D</sub>	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ <sub>D</sub>	W/m K	0,036
	Thickness	d <sub>N</sub>	mm	20-120
	Thickness Class	T	Class	T6
Water Permeability	Short term Water absorption	W <sub>B</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>IP</sub>	kg/m <sup>2</sup>	NPD
Water vapour permeability	Water vapour transmission	μ	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F <sub>p</sub>	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	m <sup>2</sup> K/W	a)
	Thermal Conductivity	λ	W/m K	0,036
	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](http://www.isover.cz)

b) Sound absorption parameter is valid for the product thickness, thickness range and sound absorption values - see product data sheet on the website [www.isover.cz](http://www.isover.cz)

c) Dynamic stiffness parameter is valid for the product thickness, extent and thickness values of dynamic properties - the data sheets on the web [www.isover.cz](http://www.isover.cz)

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. Declaration of cut products Isover N / PP is derived from the declared parameters of this product.

Jiří Šulák  
Name

Plant director  
Function



Signature

Častolovice  
Place

1.7.2017  
Date

**ISOVER**  
SAINT-GOBAIN

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