

# 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. Počernická 272/96; 108 03 Prague 10 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

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	-	-	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	20-50
	Thickness Class	T	Class	T6
Water Permeability	Short term Water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>lp</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		Častolovice Place	
Plant director Function	Signature	01.12.2014 Date	
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