

Declaration of Performance

DoP Number CZ0004-017

1	Unique identification code of the product-type	E02 01
2	Product/s:	Isover EPS Grey 100
3	Intended use or uses:	Thermal Insulation for Buildings (ThIB)
4	Manufacturer:	Saint - Gobain Construction Product CZ a.s. Smrčkova 2485/4, 180 00 Prague 8 – Libeň Czech Republic IČO: 25029673, DIČ: CZ 25029673
5	Authorised representative:	not relevant
6	Systém/s of AVCP:	System 3
7	Notified body/ies:	1390 Centrum stavebního inženýrství a.s. Praha
8	Harmonised standard:	EN 13163:2012+A1:2015

Essential characteristics	Performance	Abreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	E
Realease of Dangerous Substances	Realease of Dangerous Substances	-	-	NPD
Acoustic absorption index	Sound absorption	-	-	NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m ³	NPD
	Thickness	d _L	mm	NPD
	Compressibility	c	mm	NPD
Direct airborne sound insulation index	Air flow resistivity	s'	MN/m ³	NPD
Continous glowing combustion	Continous glowing combustion			NPD
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	a)
	Thermal Conductivity	λ _D	W/m K	0,031
	Thickness	d _N	mm	10-500
Water Permeability	water absorption by partial immersion	W _{Ip}	kg/m ²	NPD
	water absorption by total	W _{It}	%	5
Water vapour diffusion resistance factor μ	Water vapour diffusion resistance factor μ	MU	-	30-70
Compressive strength	Compressive stress or compressive	CS	kPa	100
	Deformation under specified compressive stress and	DLT (5)	%	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability Characteristics	RtF	Euroclass	NPD
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R	m ² K/W	a)
	Thermal Conductivity	λ	W/m K	0,031
	Durability Characteristics	-	-	NPD
Tensile/Flexural strength	Bending strength	BS	kPa	150
	Tensile Strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD
	Long-term reduction of thickness	-	-	NPD
	Resistance by alternate freezing and defrosting	FTCI	-	NPD

a) The parameter R is valid for the thickness of the product. Range of thickness and thermal resistance - see in technical data sheets on the web 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.

Ing. Aleš Krpata <i>Name</i> Business Unit EPS Manager <i>Function</i>	 ----- <i>Signature</i>	1.7.2017 <i>Date</i> Český Brod <i>Place</i>	
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