

Declaration of Performance

DoP Number CZ0004-016

1	Unique identification code of the product-type	E02 02
2	Product/s:	Isover EPS GreyWall Plus
3	Intended use or uses:	Thermal insulation for buildings
4	Manufacturer:	Saint - Gobain Construction Product CZ a.s. Počernická 272/96; 108 03 Prague 10 Czech Republic IČO: 25029673, DIČ: CZ 25029673
5	Authorised representative:	not relevant
6	System/s of AVCP:	System 3
7	Notified body/ies:	1390 Centrum stavebního inženýrství a.s. Praha
8	Harmonised standard:	EN 13 163: 2012

Essential characteristics	Performance	Abbreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RTF	Euroclass	E
Release of Dangerous Substances	Release 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
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	0,031
	Thickness	d _N	mm	10-500
Water Permeability	water absorption by partial immersion	W _{ip}	kg/m ²	NPD
	water absorption by total immersion	W _{it}	%	5
Water vapour permeability	Water vapour transmission	Z	m ² .h.Pa/mg	20-40
Compressive strength	Compressive stress or compressive	CS	kPa	NPD
	Deformation under specified compressive stress and temperature	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	115
	Tensile Strength perpendicular to faces	TR	kPa	100
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

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
Name
Business Unit EPS Manager
Function


Signature

10.03.2015
Date
Český Brod
Place

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