

# Declaration of Performance

No. **CZ0004-016**

1 Unique identification code of the product-type

EO2 02

Product/s:

**Isover EPS GreyWall Plus**

2 Intended use or uses:

Thermal insulation for buildings (ThIB)

3 Manufacturer:

**Saint - Gobain Construction Product CZ a.s.**  
Smrkova 2485/4, 180 00 Prague 8 - Libeň  
Czech Republic  
IČO: 25029673, DIČ: CZ 25029673

4 Authorised representative:

není relevantní

5 System/s of AVCP:

System 3

6 Notified body/ies:

**1390**

Centrum stavebního inženýrství a.s. Praha

Harmonised standard:

EN 13163:2012+A1:2015

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
	Dynamic stiffness	s'	MN/m <sup>2</sup>	NPD
Impact noise transmission index	Thickness	d <sub>L</sub>	mm	NPD
	Compressibility	c	mm	NPD
Direct airborne sound insulation index	Air flow resistivity	s'	MN/m <sup>3</sup>	NPD
Continuous glowing combustion	Continuous glowing combustion			NPD
Thermal resistance	Thermal resistance	R <sub>0</sub>	m <sup>2</sup> K/W	**
	Thermal conductivity	λ <sub>0</sub>	W/m K	0,031
	Thickness	d <sub>N</sub>	mm	20-300
Water permeability	Short term water absorption	W <sub>ib</sub>	kg/m <sup>2</sup>	NPD
	Long term water absorption	W <sub>ls</sub>	%	5
Water vapour permeability	Water vapour transmission	MU	-	40
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point load	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 <sup>2</sup> K/W	**
	Thermal conductivity	λ	W/m K	0,031
	Durability characteristics	-	-	NPD
Tensile/Flexural strength	Thickness class	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
		FTCI	-	NPD
			-	NPD

NOTE: For characteristics where e.g. the declaration is different for different thickness a table is needed instead of a single value in the table above

Thickness [mm]	Length × width [mm]	Volume per package			Declared thermal resistance R <sub>0</sub> [m <sup>2</sup> ·K·W <sup>-1</sup> ]
		[pcs]	[m <sup>2</sup> ]	[m <sup>3</sup> ]	
20	1 000 × 500	25	12.5	0.250	0.60
30	1 000 × 500	16	8.0	0.240	0.95
40	1 000 × 500	12	6.0	0.240	1.25
50	1 000 × 500	10	5.0	0.250	1.60
60	1 000 × 500	8	4.0	0.240	1.90
80	1 000 × 500	6	3.0	0.240	2.55
100	1 000 × 500	5	2.5	0.250	3.20
120	1 000 × 500	4	2.0	0.240	3.85
140	1 000 × 500	3	1.5	0.210	4.50
150	1 000 × 500	3	1.5	0.225	4.80
160	1 000 × 500	3	1.5	0.240	5.15
180	1 000 × 500	2	1.0	0.180	5.80
200	1 000 × 500	2	1.0	0.200	6.45
220	1 000 × 500	2	1.0	0.220	7.05
240	1 000 × 500	2	1.0	0.240	7.70
260	1 000 × 500	1	0.5	0.130	8.35
280	1 000 × 500	1	0.5	0.140	9.00
300	1 000 × 500	1	0.5	0.150	9.65

Specification code:

EPS-EN13163-T(1)-L(2)-W(2)-Sb(2)-P(3)-BS115-DS(N)2-DS(70-)-J1-TR100-MU40-WL(T)5

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

Český Brod

Place  
19.2023  
Date



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