

Declaration of Performance

No. CZ0002-001 (eng)

1	Unique identification code of the product-type	I08 02
	Product/s:	Orstech 45, Orstech 45 NT, Orstech 45 H TECH Slab 2.1, TECH Slab 2.1 V1, TECH Slab 2.1 Alu2
2	Intended use or uses:	Thermal Insulation of Building Equipment and Industrial Installations (ThIBEII)
3	Manufacturer:	Saint - Gobain Construction Product CZ a.s. Smrčkova 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 14303:2009+A1:2013

Essential characteristics	Performance	Abbreviation	Unit	Declared performance/s:						
Reaction to fire	Reaction to fire	RtF	Euroclass	A1, A2-s1,d0 (Orstech 45 H)						
Acoustic absorption index	Sound absorption	-	-	NPD						
Thermal resistance	Thermal resistance	T °C	50°C	100°C	150°C	200°C	250°C	300°C	400°C	500°C
		λ_D (W/m K)	0.042	0.053	0.066	0.082	0.100	0.124	0.170	NPD
	Thickness	d	mm	40-100						
	Tolerances	T		T4						
Water permeability	Water absorption	WS	kg/m ²	WS1						
Water vapour transmission	Water vapour diffusion resistance	S _d	m	NPD						
Rate of release of corrosive substances	Trace amounts of soluble ions and pH value	CL	mg/kg	10						
	Realease of Dangerous Substances	-	-	NPD						
Continous glowing combustion	Continous glowing combustion	-	-	NPD						
Durability of against reaction to fire ageing/degradation	Durability Characteristics	RtF	Euroclass	A1, A2-s1,d0 (Orstech 45 H)						
Durability of reaction to fire against ageing/degradation and against high temperature	Durability Characteristics	-	-	NPD						
Durability of thermal resistance against ageing/degradation and against high	Maximum Service Temperature	ST(+)	°C	400						
	Dimensions and tolerances	T	-	T4						
Durability of thermal resistance against heat, weathering, ageing/degradation	Dimensional stability, or	DS(TH)	-	NPD						
	Maximum Service Temperature	ST(+)	°C	400						

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.

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Function



1.3.2019
Date
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Place

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