

Declaration of Performance

No. CZ0002-001 (eng)

1 Unique identification code of the product-type

108 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:

1023

Institut pro testování a certifikaci a.s.

Harmonised standard:

EN 14303:2009+A1:2013

Essential characteristics	Performance	Abbreviation	Unit	Declared performance/s:						
Reaction to fire	Reaction to fire	RtF	Euroclass	A1						
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						
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 temperature	Maximum Service Temperature	ST(+)	°C	400						
Durability of thermal resistance against heat, weathering, ageing/degradation	Dimensions and tolerances	T	-	T4						
	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.

Jiří Šulák
Name
 Plant director
Function



Signature

1.5.2025
Date
 Častolovice
Place



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