

Declaration of Performance

No. CZ0002-012 (eng)

1 Unique identification code of the product-type

108 03

Product/s:

Orstech 80, Orstech 80 NT, Orstech 80 H

TECH Slab MT 4.1, TECH Slab MT 4.1 V1, TECH Slab MT 4.1 Alu2

2 Intended use or uses:

Thermal Insulation of Building Equipment and Industrial Installations (ThIBEII)

3 Manufacturer:

Saint - Gobain Construction Product CZ a.s.
Smrčková 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, A2-s1,d0 (Orstech 80 H)	
Acoustic absorption index	Sound absorption				-		-		NPD	
Thermal resistance	Thermal resistance	T °C	50 °C	100 °C	200 °C	300 °C	400 °C	500 °C	600 °C	650 °C
		λ_D (W/m*K)	0,041	0,047	0,065	0,089	0,118	0,155	0,201	0,220
	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 80 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 temperature	Maximum Service Temperature				ST(+)		°C		640	
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		640	

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

1.9.2023
Date
Častolovice
Place


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