

# Declaration of Performance

No. CZ0002-020 (eng)

1 Unique identification code of the product-type I08 03

Product/s: **Orstech 110, Orstech 110 NT, Orstech 110 H**

TECH Slab MT 5.1, TECH Slab MT 5.1 V1, TECH Slab MT 5.1 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 110 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	660 °C
		$\lambda_D$ (W/m K)	0.041	0.047	0.063	0.084	0.110	0.143	0.182	0.209
	Thickness	d	mm	40-100						
	Tolerances	T		T4						
Water permeability	Water absorption	WS	kg/m <sup>2</sup>	WS1						
Water vapour transmission	Water vapour diffusion resistance	S <sub>d</sub>	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 110 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	660						
	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	660						

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



1.3.2019  
 Date  
 Častolovice  
 Place

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