

Declaration of Performance

No. CZ0002-006 (eng)

1 Unique identification code of the product-type

103 03

Product/s:

Orstech LSP PYRO

TECH Lamella Mat MT 2.3 Alu2

2 Intended use or uses:

Thermal Insulation of Building Equipment and Industrial Installations (ThBEII)

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	Abreviation	Unit	Declared performance/s:						
Reaction to fire	Reaction to fire	RtF	Euroclass	A2-s1,d0						
Acoustic absorption index	Sound absorption	-	-	NPD						
Thermal resistance	Thermal resistance	T °C	50 °C	100 °C	150 °C	200 °C	300 °C	400 °C	500 °C	600 °C
	λ_D (W/m*K)	0,046	0,056	0,069	0,084	0,125	0,180	0,251	0,340	
	Thickness	d	mm	30-100						
	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	A2-s1,d0						
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	600						
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	600						

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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