

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 (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 | | | | 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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