DECLARATION OF PERFORMANCE
No. DOP 04/2022

1. Unique identification code of the product type: **Spray insulation polyurethane foam INSOLA Thermo Spray**
2. Intended use: **for thermal insulation of buildings**

3. Manufacturer: **UAB "Insola", Lauko g. 23, Šventininkai village, LT-21156 Trakai district**

4. Authorised representative: **not applicable**

5. System of assessment and verification of constancy of performance: **System 3**

6. Harmonised standard: **LST EN 14315-1:2013**

Notified laboratories:

Fire Research Centre, Product Research Division – notified laboratory No. 1796

Laboratory of Thermal Physics, Acoustics and Environment of the Institute of Civil Engineering – notified laboratory No. 1488

7. Declared performance:

Essential characteristics	Declared performance	Method
Reaction to fire	Flammability class F	EN 13501-1:2007+A1:2010
Water permeability	Short-term soaking in water after partial immersion: $W_p \leq 0{,}18$ kg/m^2	EN 1609:2013
Coefficient of thermal conductivity	λ_D=0,030 W/(m·K)	EN 12667:2002
Water vapour permeability	Water vapor permeability factor $\mu \leq$ 18,5	EN 12086:2013
Compressive strength	NPD	EN 826:2013
Resistance to reaction to fire with aging and decomposition	The reaction to fire performance does not change over time	EN 14315-1:2013
Resistance to thermal resistance with aging and decomposition	The aging effect is included in the declared value of the coefficient of thermal conductivity	EN 14315-1:2013
Resistance to compressive stress with aging and decomposition	NPD	EN 1604:2013
Continuous combustion when heated	The test method is still under development	EN 14315-1:2013

Declared thermal resistance

Thickness, mm	Declared coefficient of thermal conductivity after aging (λ_D), W/(m·K)	Thermal resistance limit level (R_D), m²·K/W
30	0,030	1,00
35	0,030	1,15
40	0,030	1,35
45	0,030	1,50
50	0,030	1,65
55	0,030	1,85
60	0,030	2,00
65	0,030	2,15
70	0,030	2,35
75	0,030	2,50
80	0,030	2,65
85	0,030	2,85
90	0,030	3,00
95	0,030	3,15
100	0,030	3,35
105	0,030	3,50
110	0,030	3,65
115	0,030	3,85
120	0,030	4,00
125	0,030	4,15
130	0,030	4,35
135	0,030	4,50
140	0,030	4,65
145	0,030	4,85
150	0,030	5,00

The performance characteristics of the specified product corresponds to all the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011. The specified manufacturer is solely liable for the contents of the declaration.

Signed (on behalf of the manufacturer)

Šventininkai village, Trakai district

07.07.2022

CEO Tadas Baraišis

