

# DECLARATION OF PERFORMANCE

No. 19/S032F

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Edition 10

Essential characteristics	Performance	Declared level/class/limit/ NPD <sup>1)</sup>	Harmonized technical specification
Stability of compression strength as a function of ageing and degradation	Creep in compression	NPD	EN 13163: 2012+A1:2015
	Freeze-thaw resistance	NPD	
	Long-term reduction of thickness	NPD	
Water permeability	Water absorption under long-term immersion	NPD	
	Water absorption under long-term diffusion	NPD	
Vapour permeability	Vapour transmission	NPD	
Impact sound insulation index (for floors)	Dynamic stiffness	NPD	
	Thickness, d <sub>L</sub>	NPD	
	Compressibility, c	NPD	
Continuous burning as glowing	Continuous burning as glowing	NPD	
Release of hazardous substances to the environment	Release of hazardous substances <sup>4)</sup>	NPD	
<sup>1)</sup> NPD (No Performance Determined) <sup>2)</sup> Performance of EPS for fire does not deteriorate over time <sup>3)</sup> Thermal conductivity coefficient and thermal resistance do not change over time <sup>4)</sup> European test methods are in preparation			

**Table 2 Statement of thermal resistance as a function of thickness**

Thickness, $d_N$ [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Thermal resistance $R_D$ [m <sup>2</sup> K/W]	0,30	0,60	0,90	1,25	1,55	1,85	2,15	2,50	2,80	3,10	3,40	3,75	4,05	4,35	4,65
Thickness, $d_N$ [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Thermal resistance $R_D$ [m <sup>2</sup> K/W]	5,00	5,30	5,60	5,90	6,25	6,55	6,85	7,15	7,50	7,80	8,10	8,40	8,75	9,05	9,35

Performance of the above product conforms to the set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer, as above.

Signed on behalf of the manufacturer by:

Chorzów, 02.06.2025 r.

(full name and position)



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