



DECLARATION OF PERFORMANCE No. 5.01

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| 1. Unique identification code of the product type: | PIR thermal insulation boards F/F |
| 2. Intended use/es: | Thermal insulation for buildings |
| 3. Manufacturer: | Zavod Logicroof PIR LLC
Vostochny Promuzel 21, Ryazan, 390047, Russian Federation |
| 4. System/s of AVCP: | System 3 |
| 5. Harmonised standard:
Notified body/ies: | EN 13165+A1:2016
1688 (Vilnius Gediminas Technical University, Faculty of Civil Engineering, Institute of Building Materials, Laboratory of Thermal Insulating Materials and Acoustics. Linkmenu 28, 08217 Vilnius). Test report # 1688-CPR-1864

1023 (INSTITUTE FOR TESTING AND CERTIFICATION, a.s. trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic) |

6. Declared performance

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d _N 30mm	1.35
		d _N 40mm	1.80
		d _N 50mm	2.25
		d _N 60mm	2.70
		d _N 70mm	3.15
		d _N 80mm	3.60
		d _N 90mm	4.05
		d _N 100mm	4.50
		d _N 110mm	5.0
		d _N 120mm	5.45
		d _N 130mm	5.9
		d _N 140mm	6.35
d _N 150mm	6.81		
	Thermal conductivity λ_D (W/(m.K))	0.022	
	Thickness tolerance	T2	
Reaction to fire		Class E	
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time	



Dimensional stability under specified temperature and humidity condition	48 h, 70 °C, 90 % R.H	NPD
Deformation under specified compressive load and temperature conditions	40 kPa, 70°C, 168h	NPD
Compressive strength	Compressive stress or compressive strength	CS(10\Y)150 ≥ 150
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	WS(P)0.1
	Flatness after one sided wetting	FW2 ≤ 5
Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	No harmonized test method available
Continuous glowing combustion	Continuous glowing combustion	No harmonized test method available

NPD: No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Declaration is available on site:

http://en.technonicol.eu/materials/pir-thermal-insulation/logicpir_alu

Signed for and on behalf of the manufacturer by:

Anton Taritcyn

Product development & certification specialist

Ryazan, December 7, 2018

