



**DECLARATION OF PERFORMANCE**  
**No. 5.02**

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|---|---|
| <b>1. Unique identification code of the product type:</b> | PIR boards GTM/GTM TECHNONICOL  |
| <b>2. Intended use/es:</b>                                | Thermal insulation for buildings  |
| <b>3. Manufacturer:</b>                                   | Zavod Logicroof PIR LLC<br>Vostochny Promuzel 21, Ryazan, 390047, Russian Federation  |
| <b>4. System/s of AVCP:</b>                               | System 3  |
| <b>5. Harmonised standard:<br/>Notified body/ies:</b>     | EN 13165+A1:2016<br>1023 (INSTITUTE FOR TESTING AND CERTIFICATION, a.s. trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic)<br>1390 (Centrum stavebního inženýrství (CSI), a.s / Institute for testing and certification, a.s CSI division - Centrum stavebního inženýrství Prague, Accredited laboratory No.1007.4) |

**6. Declared performance**

Essential characteristics		Performance	
Thermal resistance	Thermal conductivity $\lambda_D$ (W/(m.K))	0.026	
	Thermal resistance $R_D$ ( $m^2.K/W$ )	$d_N$ 30mm	1.15
		$d_N$ 40mm	1.54
		$d_N$ 50mm	1.92
		$d_N$ 60mm	2.31
		$d_N$ 70mm	2.69
		$d_N$ 80mm	3.08
		$d_N$ 90mm	3.46
		$d_N$ 100mm	3.85
		$d_N$ 110mm	4.23
		$d_N$ 120mm	4.61
		$d_N$ 130mm	5.0
		$d_N$ 140mm	5.38
$d_N$ 150mm	5.77		
	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	48 h, 70 °C, 90 % R.H	NPD	
Temperature and humidity condition			
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
Stability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Long term water absorption	WL(T) ≤ 1.0
	Flatness after one sided wetting	FW2 ≤ 10
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.technicol.eu/materials/pir-thermal-insulation/logicpir\\_gtm](http://en.technicol.eu/materials/pir-thermal-insulation/logicpir_gtm)

Signed for and on behalf of the manufacturer by:

**Anton Taritcyn**

Product development & certification specialist  
Ryazan, November 21, 2019