



DECLARATION OF PERFORMANCE No. 5.03

- | | |
|---|---|
| 1. Unique identification code of the product type: | PIR boards GTM/GTB TECHNOMICOL |
| 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
1023 (INSTITUTE FOR TESTING AND CERTIFICATION, a.s. trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic)
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 λ_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		
Durability of thermal resistance against of heat, weathering, ageing / degradation	Thermal conductivity λ_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 F	
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	
Durability 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_gtb

Signed for and on behalf of the manufacturer by:

Anton Taritcyn

Product development & certification specialist
Ryazan, November 21, 2019