

## DECLARATION OF PERFORMANCE

based on Test Report No LZFO1-01607/18/Z00NZP  
according EN 13165+A2; 2016-08

IP-AL/2018/001

<b>Product type:</b>	<b>InnoPan PIR ALU/THERM</b>
Intended use:	Thermal Insulation for building or industrial installations
Additional information:	APIR thermal isolation board covered on both side with aluminium layer. IMPORTANT! Product application according relevant standards
Manufacturer:	InnoPan Tech Gyártó és Kereskedelmi Kft. 2040 Budaörs, Kamaraerdei út 2.
Place of production:	InnoPan Tech Gyártó és Kereskedelmi Kft. 8300 Tapolca, Keszthelyi út
Authorised representative:	InnoPan Tech Gyártó és Kereskedelmi Kft. 2040 Budaörs, Kamaraerdei út 2.
Notified body:	ITB® Instytut Techniki Budowlanej, identification Nr: 1488
Harmonised standard:	EN 13165+A2:2016-08

Essential properties	Declared Performance	Standard
• Thermal resistance:	$R_D = 3,65 \text{ m}^2\text{K/W}$ (80 mm) Intermediate values may be calculated: $R_D = \text{nominal thickness} / \lambda_D$ (rounded to nearest 0,05)	EN 12667:2002
• Thermal conductivity:	$\lambda_D = 0,022 \text{ W/(mK)}$ at nominal thickness $d_n = 20\text{-}200 \text{ mm}$	EN 13165+A2:2016-08
Dimension stability under specified temperature and humidity conditions.	DS (70,90)3; relative length and width change $\leq 2\%$ ; relative thickness change $\leq 6\%$	EN 1604:2013-07
Dimension stability under specified temperature:	DS [-20,-]2; relative length and width change $\leq 0,5\%$ ; relative thickness change $\leq 2\%$	EN 1604:2013-07
Compressive strength:	$\geq 150 \text{ kPa}$	EN 826/2013-07
Tensile strength:	$\geq 80 \text{ kPa}$	EN 1607/2013-07
Reaction to fire:	Class E	EN 13501-1
Durability of reaction to fire against heat, weathering, ageing / degradation:	The reaction of fire does not change over time.	



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Essential properties	Declared Performance	Standard
Thickness/thickness tolerance:	20-200mm $d_N > 040 \text{ mm } \pm 2 \text{ mm}$ $40 \text{ mm} \leq d_N \leq 100 \text{ mm } \pm 3 \text{ mm}$ $d_N > 100 \text{ mm } + 5 \text{ mm } / - 3 \text{ mm}$	EN 12667:2002
Density:	$\geq 32 \text{ kg/m}^3$	EN 13165+A2:2016-08
Short term water absorption:	No performance determined	
Flatness after one sided wetting:	No performance determined	
Water vapour permeability:	No performance determined	
Acoustic absorption permeability:	No performance determined	
Continous glowing combustion:	No performance determined	
Release of hazardous substances:	Harmonised testing method not available	

The performance of the product identified above is in conformity with the declared performace(s). System of AVCP: 3 This declaration of performance is issued in accordance with Regulation 305/2011/EU, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Budaörs, 01. 01. 2020

**INNOPAN TECH KFT. (1)**  
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Zoltán Németh Managing Director