

1.	Name and unique identification code of the product-type:	Panel PIR ALU-T Polyisocyanurate rigid foam (PIR) panels faced, both sides, with an embossed aluminum foil 50µm.
2.	Intended uses of the construction product:	Thermal insulation for buildings (ThIB).
3.	Manufacturer:	Poliuretanos, S.A. Z.I. El Trust, Ctra. C-65, km 16 17244 Cassà de la Selva – Girona (Spain) Tel. +34 972 46 04 72 Fax. +34 972 46 17 19 e-mail: info@poliuretanos.com
4.	System of assessment and verification of constancy of performance of the construction product (AVCP):	AVCP 1 (Reaction to fire) AVCP 3 (Other properties)
5.	Harmonised standard: Notified body/ies: Notified laboratory/ies:	EN 13165:2012+A2:2016 Bureau Veritas Certification S.A.U. , Notified body nº 1035. Centre Scientifique et Technique du Bâtiment (CSTB) , notified testing laboratory N° 0679. AAPLUS LGAI Technological Center , notified testing laboratory N° 0370.

6. Declared performance

<i>Essential characteristics</i>	<i>Performance</i>	
Reaction to fire	$d_N = 25\text{mm}$	F
	$30 \leq d_N \leq 120\text{mm}$	C-s2,d0
Reaction to fire – end use	Thermal insulation for deck type metal roofing	B-s2,d0 Standard assembly nº3
Water permeability	Water absorption short term	NPD
	Water absorption long term	WL(T)1
	Flatness after one-sided wetting	NPD
Release of dangerous substances to the indoor environment	No harmonised test method available	
Acoustic absorption index	Sound absorption	NPD
Direct airborne sound insulation index	Sound absorption	NPD
Continuous glowing combustion	No harmonised test method available	
Thermal resistance	Thermal resistance R_D ($\text{m}^2 \cdot \text{K}/\text{W}$)	$d_N: 25\text{mm } R_D=1,10$ $d_N: 30\text{mm } R_D=1,30$ $d_N: 40\text{mm } R_D=1,75$ $d_N: 50\text{mm } R_D=2,20$ $d_N: 60\text{mm } R_D=2,65$ $d_N: 70\text{mm } R_D=3,05$
		$d_N: 80\text{mm } R_D=3,50$ $d_N: 84\text{mm } R_D=3,70$ $d_N: 90\text{mm } R_D=3,95$ $d_N: 100\text{mm } R_D=4,40$ $d_N: 110\text{mm } R_D=4,85$ $d_N: 120\text{mm } R_D=5,30$
	Thermal conductivity λ_D ($\text{W}/\text{m} \cdot \text{K}$)	0,023
	Thickness $d_N: 25-120$	T2
Water vapour permeability	Water vapour transmission	NPD
Compressive strength	$e \leq 45\text{mm}$	CS(10\Y)175
	$e \geq 50\text{mm}$	CS(10\Y)200
Tensile strength / flexion	Tensile strength perpendicular to faces	NPD
Durability of reaction to fire against heat, weathering, ageing / degradation	Reaction to fire does not change with time	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	(a)
	Durability of thermal resistance against ageing/degradation	(a)
	Dimensional stability under specified temperature and humidity conditions	DS(70,90)3
	Deformation under specified compressive load and temperature conditions	NPD
	Methods for determination of the values of thermal resistance and thermal conductivity after ageing	(a)
Durability of compressive strength against ageing/degradation	Compressive creep	NPD

^(a) The declared value of thermal conductivity incorporates the effect of aging over time extrapolated to 25 years.

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) n° 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

 **Poliuretanos, S.A.**

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F. Bolló
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Cassà de la Selva, 14.09.2017