

1.	Name and unique identification code of the product-type:	Panel PIR AF 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+A2:20156 Bureau Veritas Certification S.A.U. , Notified body nº 1035. Centre Scientifique et Technique du Bâtiment (CSTB) , notified testing laboratory Nº 0679. APPLUS LGAI Technological Center , notified testing laboratory Nº 0370.

6. Declared performance

<i>Essential characteristics</i>	<i>Performance</i>	
Reaction to fire	$30 \leq d_N \leq 120\text{mm}$	C-s2,d0
Water permeability	Water absorption short term Water absorption long term Flatness after one-sided wetting	NPD WL(T)1 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 ($\text{m}^2 \cdot \text{K}/\text{W}$) $d_N: 30\text{mm } R_D=1,30$ $d_N: 40\text{mm } R_D=1,75$ $d_N: 50\text{mm } R_D=2,20$ $d_N: 60\text{mm } R_D=2,65$ $d_N: 70\text{mm } R_D=3,05$	$d_N: 80\text{mm } R_D=3,50$ $d_N: 84\text{mm } R_D=3,70$ $d_N: 90\text{mm } R_D=3,95$ $d_N: 100\text{mm } R_D=4,40$ $d_N: 110\text{mm } R_D=4,85$ $d_N: 120\text{mm } R_D=5,30$
	Thermal conductivity λ_D ($\text{W}/\text{m} \cdot \text{K}$)	0,023
	Thickness $d_N: 30-120$	T2
Water vapour permeability	Water vapour transmission	NPD
Compressive strength	$e \leq 45\text{mm}$ $e \geq 50\text{mm}$	CS(10\Y)175 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
 General Manager

Cassà de la Selva, 14.09.2017