

1.	Name and unique identification code of the product-type:	Panel PIR ALU 45 Polyisocyanurate rigid foam (PIR) panels faced, both sides, with an embossed aluminum, with the following variants: <ul style="list-style-type: none">- 2 embossed faces 80µm- 1 embossed face 80µm and 1 smooth face 80µm- 1 embossed face 200µm and 1 smooth face 80µm
2.	Intended uses of the construction product:	Thermal insulation for building equipment and industrial installations.
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:	EN 14308 :2009+A1 :2013 Bureau Veritas Certification S.A.U. , Notified body nº 1035. Centro de ensayos, innovación y servicios (CEIS) , notified testing laboratory Nº 1722. Asociación para el Fomento de la Investigación y la Tecnología de la Seguridad (AFITI) , notified testing laboratory Nº 1168. APPLUS LGAI Technological Center , notified testing laboratory Nº 0370.

6. Declared performance

<i>Essential characteristics</i>	<i>Performance</i>	
Reaction to fire Euroclass	$d_N = 10\text{mm}$	F(Not tested)
	$d_N = 20\text{mm}$	B-s2,d0
Thermal resistance	Thermal resistance R_D ($\text{m}^2 \cdot \text{K}/\text{W}$)	$d_N:10\text{mm } R_D=0,45$ $d_N:20\text{mm } R_D=0,90$
	Thermal conductivity λ_D ($\text{W}/\text{m} \cdot \text{K}$) $T^a=10^\circ\text{C}$	0,023
Water permeability	Water absorption: Long term by total immersion Short term by partial immersion	WL(T)1 NPD
Water vapour permeability	Water vapour transmission	NPD
	Closed cell content	NPD
Compressive strength	NPD	
Rate of release of corrosive substances	Trace quantities of water soluble chlorides	NPD
Release of dangerous substances to the indoor environment	No harmonised test method available	
Continuous glowing combustion	No harmonised test method available	
Durability of reaction to fire against ageing/degradation	Durability characteristics	(a)
Durability of thermal conductivity to fire against ageing/degradation	Thermal conductivity	(b)
	Dimension and tolerances	-
	Dimension stability at specified temperature	DS(TH)3
	Durability characteristics	(b)
	Maximum service temperature	NPD
	Minimum service temperature	NPD
	Closed cell content	NPD
Durability of reaction to fire against high temperature	Durability characteristics	(a)
Durability of thermal resistance against high temperature	Durability characteristics	(b)
	Maximum service temperature - dimensional stability	NPD
(a) Reaction to fire does not change with time		
(b) 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.

Ctra. C-65, Km. 16 - Pol. Ind el Trust

Tel. 972 46 04 72 - Fax 972 46 17 19

17244 CASSÀ DE LA SELVA - Girona

F. Bolló

General Manager

Cassà de la Selva, 23.03.2016