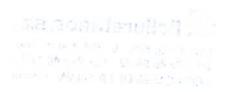


Declaration of Performance (DoP) CPR-2013.19_5

1.	Name and unique identification code of the product-type:	Panel PIR ALK Polyisocyanurate rigid foam (PIR) panels faced, both sides, with a multi-layered aluminium complex.		
2.	Intended uses of the construction product:	Thermal insulation for buildings (ThIB). Thermal insulation for deck type metal roofing.		
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 3		
5.	Harmonised standard: Notified body/ies: Notified laboratory/ies:	EN 13165:2012+A2:2016 - Centre Scientifique et Technique du Bâtiment (CSTB), notified testing laboratory N° 0679. APPLUS LGAI Technological Center, notified testing laboratory N° 0370.		





Declaration of Performance (DoP)

CPR-2013.19_5

6. Declared performance

Essential characteristics	Performance				
Reaction to fire	Generic use		E		
Reaction to fire – end use	Thermal insulation for deck type metal roofing		B-s2,d0 Standard assembly nº3		
Water permeability	Water absorption short term Water absorption long term		NPD WL(T)1		
	Flatness after one-sided wetting		NPD		
Release of dangerous substances to the indoor environment	No harmonised test meth		od available		
Acoustic absorption index	oustic absorption index Sound absorption		NPD		
Direct airborne sound insulation index	Sound absorption		NPD		
Continuous glowing combustion	No harmonised test met		hod available		
Thermal resistance	Thermal resistance R _D (m²·K/W)	d _N :25mm R _D =1,05 d _N :30mm R _D =1,30 d _N :40mm R _D =1,70 d _N :50mm R _D =2,15 d _N :60mm R _D =2,60 d _N :70mm R _D =3,05 d _N :80mm R _D =3,45 d _N :90mm R _D =3,90	d _N :100mm R _D =4,35 d _N :110mm R _D =4,80 d _N :120mm R _D =5,20 d _N :130mm R _D =5,65 d _N :140mm R _D =6,10 d _N :150mm R _D =6,55 d _N :160mm R _D =6,95		
	Thermal conductivity λ_D (W/m·K)		0,023		
	Thickness d _N : 25-160		T2		
Water vapour permeability	Water vapour transmission		NPD		
Constructive atwarests	e ≤ 45mm		CS(10\Y)175		
Compressive strength	e ≥ 50mm		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 v		nge with time		
	Thermal resistance and thermal conductivity		(a)		
	Durability of thermal resistance against ageing/degradation		(a)		
Durability of thermal resistance against heat, weathering,	Dimensional stability under specified temperature and humidity conditions		DS(70,90)3		
ageing/degradation	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) no 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



F. Bolló General Manager

Cassà de la Selva, 14.09.2017