

# Declaration of Performance

Poliuretanos PIR CP-BL

CPR.2013.34\_6

Unique identification code of the product-type:

Poliuretanos PIR CP-BL

Intended use/es:

Thermal insulation for buildings

Manufacturer:

Kingspan Insulation S.A., C-65 km16 Z.I. El Trust, 17244 Cassà de la Selva, Girona, SPAIN

System/s of AVCP:

System 3

Harmonised technical specification:

UNE-EN 13165:2012+A2:2016

Notified body/ies:

Centre Scientifique et Technique du Bâtiment (CSTB) NB. 0679, APPLUS LGAI Technological Center NB. 0370

Essential characteristics		Performance	
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	d <sub>N</sub> 60mm	2.75
		d <sub>N</sub> 65mm	3.00
		d <sub>N</sub> 70mm	3.25
		d <sub>N</sub> 75mm	3.45
		d <sub>N</sub> 80mm	3.70
		d <sub>N</sub> 85mm	3.95
		d <sub>N</sub> 90mm	4.15
		d <sub>N</sub> 95mm	4.40
		d <sub>N</sub> 100mm	4.65
		d <sub>N</sub> 105mm	4.85
		d <sub>N</sub> 110mm	5.10
		d <sub>N</sub> 115mm	5.30
		d <sub>N</sub> 120mm	5.55
		d <sub>N</sub> 122mm	5.65
		d <sub>N</sub> 125mm	5.80
		d <sub>N</sub> 130mm	6.00
		d <sub>N</sub> 140mm	6.50
d <sub>N</sub> 150mm	6.95		
d <sub>N</sub> 151mm	7.00		
d <sub>N</sub> 160mm	7.40		
	Thermal conductivity $\lambda_D$ (W/(m.K))	0.022	
	Thickness tolerance	d <sub>N</sub> 60-160mm	T2
Reaction to fire		E	
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time	
Dimensional stability under specified temperature and humidity condition		DS(70,90)3	
Deformation under specified compressive load and temperature conditions		NPD	
Compressive strength	Compressive stress or compressive strength	d <sub>N</sub> 60-160mm	CS(10\Y)200
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD	
Durability of compressive strength against ageing / degradation	Compressive creep	NPD	
Water permeability	Short term water absorption	NPD	
	Long term water absorption	WL(T)1	
	Flatness after one sided wetting	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Acoustic absorption index	Sound absorption	NPD	
Release of dangerous substances to the indoor environment		No harmonized test method available	
Continuous glowing combustion		No harmonized test method available	
NPD: No Performance Determined			

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Xavier Grabuleda  
 Managing Director Spain 27/04/2021  
 Cassà de la Selva, Girona, SPAIN