

DECLARATION OF PERFORMANCE (DoP)

N° 1003-CPR-2013-07-01



1. Unique identification code of the product type:

POLIISO ED

Polyisocyanurate (PIR) Panels – Polyiso foam expanded between two substrates mineralized saturated glass veil

 2. Intended use of the product: **Thermal insulation for construction**

3. Name and Address of the Manufacturer:

EDILTEC INSULATION S.p.A.

Z.I. CONTRADA STAMPALONE – 64036 – CELLINO ATTANASIO (TE)

Tel. 0861 668008 – Fax. 0861 669256

 4. System for the evaluation and verification of the constancy of performance: **System 3**

5. Notified Bodies:

ISTITUTO GIORDANO, Via Rossini, 2 – 47814 Bellaria (RN) – ITALY, NB 0407

CEIS S.L., carretera Villaviciosa de Odón in Móstoles Km 1.5 – 28935 Móstoles (Madrid) - SPAIN, NB 1722

L.S.FIRE TESTING INSTITUTE S.R.L., via della Bonifica, 4 -64010 Controguerra(TE) – ITALY, NB 2479

Notified testing laboratories (NB 0407 - NB 1722 - NB 2479) which have carried out type tests (ITT) for product groups according to characteristic.

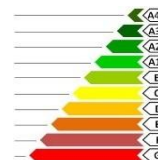
❖ The performance of the product referred to in point 1 is in accordance with the performance declared in point 6

❖ This declaration of performance is issued. under the sole responsibility of the manufacturer referred to in point 3

6. Declared performance

Essential Feature	Performance	Harmonised Technical Specification
Thickness tolerance	Declared Class: T2	EN 13165:2016
	Thickness < 50 mm : ± 2 mm	
Thickness 50 – 75 mm : ± 3 mm		
Thickness > 75 mm : -3/+5 mm		
Length and width tolerance	Size < 1000 mm : ± 5 mm	
	Size from 1000 mm to 2000 mm : ± 7.5 mm	
	Dimensions from 2001 mm to 4000 mm : ± 10 mm	
	Size > 4000 mm : ± 15 mm	
Dimensional stability under specific temperature and humidity conditions	Declared Class: DS(70,90)4	
	At 70° C and 90% R.H.:	
	Length-width change: ≤ 1%	
	Thickness Change: ≤ 4%	
	Declared Class: DS(-20,-)2	
	At -20° C:	
	Change length - width: ≤ 0.5%	
	Thickness Change: ≤ 2%	

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6. Declared service:

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Essential Features	Performance			Harmonised Technical Specification
Thermal Conductivity (λD) and Thermal Resistance (RD)	Thickness [mm]	λD: [W/mK]	RD: [m2K/W]	EN 13165:2016
	30	0,027	1,10	
	40	0,027	1,45	
	50	0,026	1,90	
	60	0,026	2,30	
	70	0,026	2,65	
	80	0,026	3,05	
	90	0,026	3,45	
	100	0,025	4,00	
	120	0,025	4,80	
	140	0,025	5,60	
	160	0,025	6,40	
Compressive strength with 10% crushing	Declared level: CS(10/Y)150 ≥ 150 kPa			
Tensile strength perpendicular to faces	Declared level: TR80 ≥ 80 kPa			
Reaction to fire	Euroclass E			
Durability of reaction to fire against heat, atm, aging/degradation	There is no variation over time on the fire reaction properties of PU			
Sound absorption index	NPD			
Water absorption by immersion (28 days)	Declared level: th. < 100 mm WL(T)1 Absorption ≤ 1% vol. th. ≥ 100 mm WL(T)2 Absorption ≤ 2% vol.			
Water absorption by immersion Short-term partial	Declared level: WS(P)0.11 Absorption ≤ 0.11 kg/m ²			
Resistance to water vapor diffusion μ	Declared level: MU 60 ± 5			
Continuous combustion by incandescent	European Test Method Under Development – Harmonized Standard European not yet available			
Release of substances dangerous	European Test Method Under Development – Harmonized Standard European not yet available			

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Cellino Attanasio, 1 December 2023
The legal representative:
