



DECLARATION OF PERFORMANCE (DoP)

N° 1052-CPR-2013-07-01



1. Unique identification code of the product type:

POLIISO TEGOLA

Polyisocyanurate (PIR) Panels – Polyiso foam expanded between two embossed aluminium supports, with metal profile for roof tiles

 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 a Móstoles Km 1.5 – 28935 Móstoles (Madrid) - SPAIN, NB 1722

TECNALIA, Area Anardi, 5 – E- 20730 Azpeitia (Guipuzkoa) – SPAIN, NB 1292

Notified testing laboratories (NB 0407 - NB 1722 - NB 1292) 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	Specification Harmonized Technique
Thickness tolerance	Declared Class: T2 Thickness 50 – 60 mm : ± 3 mm Thickness > 60 mm : -3/+5 mm	EN 13165:2016
Length and width tolerance	Size < 1000 mm : ± 5 mm Size from 1000 mm to 2000 mm : Size ± 7.5 mm 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)3 At 70° C and 90% R.H.: Length-width change: ≤ 2% Thickness change: ≤ 6% Declared Class: DS(-20,-)1 At -20° C: Length - width change: ≤ 1% Thickness change: ≤ 2%	

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Essential Features	Performance			Harmonised Technical Specification
Thermal Conductivity (λD) and Thermal Resistance (RD)	Thickness [mm]	λD: [W/mK]	RD: [m ² K/W]	EN 13165:2016
	60	0,022	2,70	
	80	0,022	3,60	
	100	0,022	4,50	
	120	0,022	5,45	
	140	0,022	6,35	
Compressive strength with 10% crushing	Declared level: CS(10/Y)150 ≥ 150 kPa			
Determination of compressive viscous creep	NPD			
Perpendicular tensile strength	NPD			
Reaction to fire	Euroclass E			
Durability of reaction to fire against heat, atm, aging/degradation	There are no changes over time on the fire reaction properties of PU			
Sound absorption index	NPD			
Water absorption by immersion (28 days)	Declared Level: Infinite MU (thickness 60 – 140 mm)			
Resistance to water vapor diffusion μ	Declared level: WL(T)1 Absorption ≤ 1% vol.			
Continuous combustion by incandescent	European test method under development – European harmonised standard not yet available			
Release of hazardous substances	European test method under development – European harmonised standard not yet available			

Cellino Attanasio, 1 December 2023

The legal representative:

