

## DECLARATION OF PERFORMANCE (DoP)

N° 1051-CPR-2013-07-01



1. Unique identification code of the product-type:

### POLIISO AD

**Polyisocyanurate rigid foam (PIR) panels faced on both sides with an embossed aluminum**

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

3. Name and contact address of the manufacturer:

**EDILTEC S.R.L.**

**VIA GIARDINI, 474/M - 41124 - MODENA (MO)  
Tel. 059 29 16 411 - Fax. 059 34 42 32**

4. System of assessment and verification of constancy of performance: **System 3**

5. Notified bodies:

**ISTITUTO GIORDANO, Via Rossini, 2 - 47814 Bellaria (RN) - ITALIA, NB 0407**

**CEIS S.L., carretera Villaviciosa de Odón a Móstoles Km 1.5 - 28935 Móstoles (Madrid) - SPAGNA, NB 1722**

**TECNALIA, Area Anardi, 5 - E- 20730 Azpeitia (Guipuzkoa) - SPAGNA, NB 1292**

**Notified testing laboratory (NB 0407 - NB 1722 - NB 1292) carried out determination of the product type (ITT) for groups of products according to characteristic.**

❖ The performance of the product identified in point 1 is in conformity with the declared performance in point 6.

❖ This declaration of performance is issued under the sole responsibility of the manufacturer identified at point 3

6. Declared Performance

Essential Characteristics	Performance	Harmonized Technical Specification
<b>Thickness tolerance</b>	<b>Declared class T2</b> Thickness < 50 mm : ± 2 mm Thickness 50 - 60 mm : ± 3 mm Thickness > 60 mm : -3/+5 mm	EN 13165:2016
<b>Lenght and width tolerance</b>	Dimension < 1000 mm : ± 5 mm Dimension da 1000 mm a 2000 mm : ± 7,5 mm Dimension da 2001 mm a 4000 mm : ± 10 mm Dimension > 4000 mm : ± 15 mm	
<b>Dimension stability under specific conditions of temperature and humidity</b>	<b>Declared Class: DS(70,90)4</b> At 70° C e 90% U.R.: Lenght and width change: ≤ 1% Thickness Change: ≤ 4% <b>Declared Class: DS(-20,-)2</b> At -20° C: Lenght and width change: ≤ 0,5% Thickness Change: ≤ 2%	

**6. Declared Performance:**

(N° 1051-CPR-2013-07-01)

Essential Characteristics	Performance			Harmonized Technical Specification
<b>Thermal conductivity (<math>\lambda_D</math>) and Thermal resistance (<math>R_D</math>)</b>	<b>Thickness [mm]</b>	<b><math>\lambda_D</math>: [W/mK]</b>	<b><math>R_D</math>: [m<sup>2</sup>K/W]</b>	
	20	0,022	0,90	
	30	0,022	1,35	
	40	0,022	1,80	
	50	0,022	2,25	
	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	
160	0,022	7,25		
<b>Compressive strength with 10% deformation</b>	<b>Declared Level: CS(10/Y)150</b> ≥ 150 kPa			EN 13165:2016
<b>Compressive strength after 50 years with deformation ≤ 2%</b>	<b>Declared Level: CC(2/1,5/50) 50</b> ≥ 50 kPa			
<b>Resistance to perpendicular tension</b>	<b>npd</b>			
<b>Reaction to fire</b>	<b>Euroclass E</b>			
<b>Durability of fire reaction against heat, atm.ag, aging/degradation</b>	<b>There are no variations in time on the fire reaction properties of the PU</b>			
<b>Sound absorption index</b>	<b>npd</b>			
<b>Long term water absorption by total Immersion (28 days)</b>	<b>Declared Level: WL(T)1</b> Absorption ≤ 1% vol.			
<b>Water vapour diffusion resistance factor <math>\mu</math></b>	<b>Declared Level: MU Infinite</b> (Thick. 20 – 160 mm)			
<b>Continuous combustion by incandescent</b>	European test method under development - European Harmonised standard not yet available			
<b>Release of dangerous substances</b>	European test method under development - European Harmonised standard not yet available			

Modena, 18 marzo 2021

Il legale rappresentante:

