



EDILTEC INSULATION S.P.A.

Sede Legale e Stabilimento:

Z.I. C.da Stampalone – 64036 Cellino Attanasio (TE)

Sede Amministrativa:

Strada dell'Alpo 27 – 37136 Verona – Tel. 045 8201406

Ufficio Commerciale:

Via Giardini 474/M – 41124 Modena – Tel. 059 2916411

info@ediltec.com – www.ediltec.com – PEC: ediltecinsulation@legalmail.it



DECLARATION OF PERFORMANCE

N° 1051-CPR-2013 07 01

(1/2)

1. Unique identification code of the product-type:

POLIISO AD

Polyisocyanurate rigid foam (PIR) panels faced, both sides, with an embossed aluminum 50 µm

2. Intended use of the product:

Thermal insulation for buildings according to EN 13165

3. Name and contact address of the manufacture:

EDILTEC INSULATION S.p.A.

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

Ph. 0861 668008 – Fax. 0861 669256

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

System 3

5. Notified body:

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

Cellino Attanasio (TE), 01/12/2023

The plant manager

ANNEX DECLARATION OF PERFORMANCE

N° 1051-CPR-2013 07 01

(2/2)

Declared performance

Essential characteristics	Performance	Technical specification																																	
Thickness tolerance	Declared class T2: Thickness < 50 mm: ± 2mm Thickness 50 – 60 mm: ± 3mm Thickness > 60 mm: -3/+5 mm	EN 13165:2016																																	
Length and width tolerance	Dimension < 1000 mm ± 5 mm Dimension from 1000 mm to 2000 mm ± 7,5 mm Dimension from 2001 mm to 4000 mm ± 10 mm Dimension > 4000 mm ± 15 mm																																		
Thermal conductivity (λ_D) and Thermal resistance (R_D)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Thickness (mm)</th> <th style="text-align: center;">λ_D: W/mK</th> <th style="text-align: center;">R_D: m²K/W</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">20</td><td style="text-align: center;">0,022</td><td style="text-align: center;">0,90</td></tr> <tr><td style="text-align: center;">30</td><td style="text-align: center;">0,022</td><td style="text-align: center;">1,35</td></tr> <tr><td style="text-align: center;">40</td><td style="text-align: center;">0,022</td><td style="text-align: center;">1,80</td></tr> <tr><td style="text-align: center;">50</td><td style="text-align: center;">0,022</td><td style="text-align: center;">2,25</td></tr> <tr><td style="text-align: center;">60</td><td style="text-align: center;">0,022</td><td style="text-align: center;">2,70</td></tr> <tr><td style="text-align: center;">80</td><td style="text-align: center;">0,022</td><td style="text-align: center;">3,60</td></tr> <tr><td style="text-align: center;">100</td><td style="text-align: center;">0,022</td><td style="text-align: center;">4,50</td></tr> <tr><td style="text-align: center;">120</td><td style="text-align: center;">0,022</td><td style="text-align: center;">5,45</td></tr> <tr><td style="text-align: center;">140</td><td style="text-align: center;">0,022</td><td style="text-align: center;">6,35</td></tr> <tr><td style="text-align: center;">160</td><td style="text-align: center;">0,022</td><td style="text-align: center;">7,25</td></tr> </tbody> </table>		Thickness (mm)	λ_D : W/mK	R_D : m ² K/W	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
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Compressive stress at 10% deformation	Declared level: CS(10/Y)150 ≥ 150 kPa																																		
Compressive creep after 50 years with crushing ≤ 2 %	Declared level: CC(2/1.5/50)50 ≥ 50 kPa																																		
Dimensional stability	Declared class: DS(70,90)4 At 70° C and 90% U.R.: Length and width change: ≤ 1% Thickness change: ≤ 4% Declared class: DS(-20,-)2 At -20° C: Length and width change: ≤ 0,5% Thickness change: ≤ 2%																																		
Long term water absorption by total immersion (28 days)	Declared level: WL(T)1 Absorption ≤ 1% vol.																																		
Water vapour diffusion resistance factor μ	Declared level: MU Infinity (thick. 20 – 160 mm)																																		
Reaction to fire	Euroclass E																																		