

## DECLARATION OF PERFORMANCE (DoP)

N° 1002-CPR-2013-07-01



1. Unique identification code of the product type:

### POLIISO SB HD

**Polyisocyanurate (PIR) Panels – Polyiso foam with very high mechanical resistance  
Foam between the upper face in bituminous glass veil  
and lower face in 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**

**Notified testing laboratories (NB 0407 - NB 1722) 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
<b>Thickness tolerance</b>	<b>Declared Class: T2</b>	
	Thickness < 50 mm :	± 2 mm
	Thickness 50 – 75 mm :	± 3 mm
<b>Length and width tolerance</b>	Thickness > 75 mm :	-3/+5 mm
	Size < 1000 mm :	± 5 mm
	Size from 1000 mm to 2000 mm :	± 7.5 mm
	Dimensions from 2001 mm to 4000 mm :	± 10 mm
<b>Dimensional stability under specific temperature and humidity conditions</b>	Size > 4000 mm :	± 15 mm
	<b>Declared Class: DS(70,90)4</b>	
	At 70° C and 90% R.H.:	
Length-width change: ≤ 1%		EN 13165:2016
Thickness Change: ≤ 4%		

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**6. Declared service:**

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Essential Features	Performance			Harmonised Technical Specification
<b>Thermal Conductivity (<math>\lambda</math>D) and Thermal Resistance (RD)</b>	<b>Thickness [mm]</b>	<b><math>\lambda</math>D: [W/mK]</b>	<b>RD: [m<sup>2</sup>K/W]</b>	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	
	<b>Compressive strength with 10% crushing</b>	<b>Declared level: CS(10/Y)200</b> ≥ 200 kPa		
<b>Determination of compressive viscous creep</b>	<b>NPD</b>			
<b>Perpendicular tensile strength</b>	<b>NPD</b>			
<b>Reaction to fire</b>	<b>Euroclass E</b>			
<b>Durability of reaction to fire against heat, atm, aging/ degradation</b>	<b>There is no variation over time on the fire reaction properties of PU</b>			
<b>Sound absorption index</b>	<b>NPD</b>			
<b>Water absorption by immersion (28 days)</b>	<b>Declared level: WL(T)2</b> Absorption ≤ 2% vol. (Thickness < 100 mm) <b>Declared level: WL(T)1</b> Absorption ≤ 1% vol. (Thickness ≥ 100 mm)			
<b>Resistance to water vapor diffusion <math>\mu</math></b>	<b>Declared level: MU 60 ±5</b> (thickness 30 – 160 mm)			
<b>Continuous combustion by incandescent</b>	European Test Method Under Development – Harmonized Standard European not yet available			
<b>Release of substances dangerous</b>	European Test Method Under Development – Harmonized Standard European not yet available			

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Cellino Attanasio, 1 December 2023

The legal representative:

