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## DECLARATION OF PERFORMANCE

N° 1001-CPR-2013 07 01

(1/2)

1. Unique identification code of the product-type:

**POLIISO SB**

**Polyisocyanurate rigid foam (PIR) panels faced one sides with a bituminous glass veil  
and the other side with saturated mineralized glass veil**

2. Intended use of the product:

**Thermal insulation for buildings according to EN 13165**

3. Name and contact address of the manufacture:

**EDILTEC S.R.L.**

**VIA GIARDINI, 474/M**

**41124 – MODENA (MO)**

**Phone 059 29 16 411 – Fax. 059 34 42 32**

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**

**Notified testing laboratory (NB 0407 - NB 1722) 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

Modena, 17/04/2017

The plant manager

## ANNEX DECLARATION OF PERFORMANCE

N° 1001-CPR-2013 07 01

(2/2)

### Declared performance

Essential characteristics	Performance	Technical specification																																				
<b>Thickness tolerance</b>	<b>Declared class T2:</b> Thickness < 50 mm: ± 2mm Thickness 50 – 60 mm: ± 3mm Thickness > 60 mm: -3/+5 mm	EN 13165:2016																																				
<b>Length and width tolerance</b>	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																																					
<b>Thermal conductivity (<math>\lambda_D</math>) and Thermal resistance (<math>R_D</math>)</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Thickness (mm)</th> <th style="text-align: center;"><math>\lambda_D</math>: W/mK</th> <th style="text-align: center;"><math>R_D</math>: m<sup>2</sup>K/W</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">30</td><td style="text-align: center;">0,028</td><td style="text-align: center;">1,05</td></tr> <tr><td style="text-align: center;">40</td><td style="text-align: center;">0,028</td><td style="text-align: center;">1,40</td></tr> <tr><td style="text-align: center;">50</td><td style="text-align: center;">0,028</td><td style="text-align: center;">1,75</td></tr> <tr><td style="text-align: center;">60</td><td style="text-align: center;">0,028</td><td style="text-align: center;">2,10</td></tr> <tr><td style="text-align: center;">70</td><td style="text-align: center;">0,028</td><td style="text-align: center;">2,50</td></tr> <tr><td style="text-align: center;">80</td><td style="text-align: center;">0,026</td><td style="text-align: center;">3,05</td></tr> <tr><td style="text-align: center;">90</td><td style="text-align: center;">0,026</td><td style="text-align: center;">3,45</td></tr> <tr><td style="text-align: center;">100</td><td style="text-align: center;">0,026</td><td style="text-align: center;">3,80</td></tr> <tr><td style="text-align: center;">120</td><td style="text-align: center;">0,025</td><td style="text-align: center;">4,80</td></tr> <tr><td style="text-align: center;">140</td><td style="text-align: center;">0,025</td><td style="text-align: center;">5,60</td></tr> <tr><td style="text-align: center;">160</td><td style="text-align: center;">0,025</td><td style="text-align: center;">6,40</td></tr> </tbody> </table>		Thickness (mm)	$\lambda_D$ : W/mK	$R_D$ : m <sup>2</sup> K/W	30	0,028	1,05	40	0,028	1,40	50	0,028	1,75	60	0,028	2,10	70	0,028	2,50	80	0,026	3,05	90	0,026	3,45	100	0,026	3,80	120	0,025	4,80	140	0,025	5,60	160	0,025	6,40
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<b>Compressive strength</b>	<b>Declared level: CS(10/Y)150</b> ≥ 150 kPa																																					
<b>Compressive creep after 50 years with crushing ≤ 2 %</b>	<b>Declared level: CC(2/1.5/50)50</b> ≥ 50 kPa																																					
<b>Dimensional stability</b>	<b>Declared class: DS(70,90)4</b> At 70° C and 90% U.R.: Length and width change: ≤ 1% Thickness change: ≤ 4%																																					
<b>Long term water absorption by total immersion (28 days)</b>	<b>Declared level: WL(T)2</b> Absorption ≤ 2% vol.																																					
<b>Water vapour diffusion resistance factor <math>\mu</math></b>	<b>Declared level: MU 30 - 50</b> (thick. 30 – 160 mm)																																					
<b>Reaction to fire</b>	<b>Euroclass F</b>																																					