



DECLARATION OF PERFORMANCE

N° 1002-CPR-2013 07 01

(1/2)

1. Unique identification code of the product-type:

POLIISO SB HD

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 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

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 in point 3

Cellino Attanasio (TE), 01/12/2023

The plant manager





ANNEX DECLARATION OF PERFORMANCE

N° 1002-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;">30</td><td style="text-align: center;">0,027</td><td style="text-align: center;">1,11</td></tr> <tr><td style="text-align: center;">40</td><td style="text-align: center;">0,027</td><td style="text-align: center;">1,48</td></tr> <tr><td style="text-align: center;">50</td><td style="text-align: center;">0,026</td><td style="text-align: center;">1,92</td></tr> <tr><td style="text-align: center;">60</td><td style="text-align: center;">0,026</td><td style="text-align: center;">2,31</td></tr> <tr><td style="text-align: center;">70</td><td style="text-align: center;">0,026</td><td style="text-align: center;">2,69</td></tr> <tr><td style="text-align: center;">80</td><td style="text-align: center;">0,026</td><td style="text-align: center;">3,08</td></tr> <tr><td style="text-align: center;">90</td><td style="text-align: center;">0,026</td><td style="text-align: center;">3,46</td></tr> <tr><td style="text-align: center;">100</td><td style="text-align: center;">0,025</td><td style="text-align: center;">4,00</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) | λ_D : W/mK | R_D : m ² K/W | 30 | 0,027 | 1,11 | 40 | 0,027 | 1,48 | 50 | 0,026 | 1,92 | 60 | 0,026 | 2,31 | 70 | 0,026 | 2,69 | 80 | 0,026 | 3,08 | 90 | 0,026 | 3,46 | 100 | 0,025 | 4,00 | 120 | 0,025 | 4,80 | 140 | 0,025 | 5,60 | 160 | 0,025 | 6,40 |
| Thickness (mm) | λ_D : W/mK | | R_D : m ² K/W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 0,027 | | 1,11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 0,027 | | 1,48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 0,026 | | 1,92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 0,026 | | 2,31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 0,026 | | 2,69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 0,026 | | 3,08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 0,026 | | 3,46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 0,025 | 4,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 0,025 | 4,80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 0,025 | 5,60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | 0,025 | 6,40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compressive strength | Declared level: CS(10/Y)200 ≥ 200 kPa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Compressive creep after 50 years with crushing ≤ 2 % | Declared level: CC(2/1.5/50)70 ≥ 70 kPa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensional stability | Declared class: DS(70,90)4 At 70° C and 90% U.R.: Length and width change: ≤ 1% Thickness change: ≤ 4% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Long term water absorption by total immersion (28 days) | Declared level: WL(T)2 Absorption ≤ 2% vol. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water vapour diffusion resistance factor μ | Declared level: MU 30 - 50 (thick. 30 – 160 mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reaction to fire | Euroclass F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |