

## DECLARATION OF PERFORMANCE

No.: 1/2026

- Product name (ID code):** PolTherma TS 40 PIR L, M, R, P, SP25
- Intended use:** external walls, internal walls
- Manufacturer:** Europanel Sp. z o.o., Inflancka 5/81, 00-189 Warszawa, production plant: Latkowo 35, 88-100 Inowrocław
- Authorised representative:** N/A
- Systems of assessment and verification of constancy:** Fire parameters System 3, other parameters System 4
- Harmonised standard:** EN 14509:2013

**Notified bodies:**

Instytut Techniki Budowlanej Warszawa, accreditation no.: AB 023, notification no.: 1488

Certbud Sp. z o.o. Warszawa, accreditation no.: AB 1596, notification no.: NB 2310

FireLab Sp. z o.o. Warszawa, accreditation no.: AB 1777, notification no.: 2904

Fires s.r.o. Batizovce, notification no.: 1396

**7. Declared performance properties:**

| Basic characteristics                     | Declared value                                                                                   | Technical specification        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------|
| Thermal insulation                        | PUR (rigid polyurethane foam PIR type);<br>Density: 38 +/-3 kg/m <sup>3</sup> ; Thickness: 40 mm | EN 14509:2013                  |
| Heat transfer $U_{d,s}$                   | 0,58 W/m <sup>2</sup> K                                                                          |                                |
| Thermal conductivity $\lambda_{declared}$ | 0,022 W/mK                                                                                       |                                |
| Tensile strength                          | 0,06 MPa                                                                                         |                                |
| Shear strength                            | 0,098 MPa                                                                                        |                                |
| Shear modulus (core)                      | 2,65 MPa                                                                                         |                                |
| Compressive strength (core)               | 0,1 MPa                                                                                          |                                |
| Creep coefficient                         | t=2000 h: 2,74; t=100 000 h: 3,43                                                                |                                |
| Bending resistance in span                |                                                                                                  |                                |
| - positive bending                        | 2,55 kNm/m                                                                                       |                                |
| - positive bending, elevated temp.        | 2,47 kNm/m                                                                                       |                                |
| - negative bending                        | 2,64 kNm/m                                                                                       |                                |
| - negative bending elevated temp.         | 2,56 kNm/m                                                                                       |                                |
| Bending resistance at an internal support |                                                                                                  |                                |
| - positive bending                        | 2,31 kNm/m                                                                                       |                                |
| - positive bending, elevated temp.        | 2,24 kNm/m                                                                                       |                                |
| - negative bending                        | 2,21 kNm/m                                                                                       |                                |
| - negative bending elevated temp.         | 2,14 kNm/m                                                                                       |                                |
| Water permeability                        | Class A (1200 Pa)                                                                                |                                |
| Air permeability                          | $\leq 0,1 \text{ m}^3/\text{h}/\text{m}^2$                                                       |                                |
| Water vapour permeability                 | Fulfil, impermeable                                                                              |                                |
| Proper acoustic insulation                | Rw 26 (-3, -4) dB                                                                                |                                |
| Sound absorption                          | $\alpha_w = 0,15$                                                                                |                                |
| Concentrated load resistance              | NPD                                                                                              |                                |
| Durability                                | Fulfil                                                                                           |                                |
| Hazardous substances                      | NPD                                                                                              |                                |
| External facing                           | steel 0,5 mm; S280GD; Z225 or AZ120 or ZM100;<br>Top coat SP25                                   | EN 10346:2015<br>EN 10143:2008 |
| Internal facing                           | steel 0,5 mm; S280GD; Z225 or AZ120 or ZM100;<br>Top coat SP25                                   | EN 10346:2015<br>EN 10143:2008 |
| Reaction to fire (core)                   | E                                                                                                | EN 13501-1:2018                |
| Reaction to fire (product)                | B-s1,d0                                                                                          | EN 13501-1:2019                |
| Fire resistance                           | NPD                                                                                              | EN 13501-2:2023                |

**8. Appropriate technical documentation or special technical documentation:** N/A

The performance of the product specified above is in accordance with the set of declared performance characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer specified above.

On behalf of the manufacturer: Janusz Szczepański, Warszawa, June 22<sup>nd</sup> 2026

**Prokurent**  
Janusz Szczepański

**EUROPANELS**

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