

DECLARATION OF PERFORMANCE

No.: 21/2026

1. **Product name (ID code):** PolTherma TS X 160 PIR L, M, SM, P, SP25
2. **Intended use:** external walls, internal walls
3. **Manufacturer:** Europanel Sp. z o.o., Inflancka 5/81, 00-189 Warszawa, production plant: Latkowo 35, 88-100 Inowrocław
4. **Authorised representative:** N/A
5. **Systems of assessment and verification of constancy:** Fire parameters System 3, other parameters System 4
6. **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); Density: 38 +/-3 kg/m ³ ; Thickness: 160 mm	EN 14509:2013
Heat transfer $U_{d,s}$	0,14 W/m ² K	
Thermal conductivity $\lambda_{declared}$	0,022 W/mK	
Tensile strength	0,06 MPa	
Shear strength	0,096 MPa	
Shear modulus (core)	2,65 MPa	
Compressive strength (core)	0,1 MPa	
Creep coefficient	t=2000 h: 2,38; t=100 000 h: 3,52	
Bending resistance in span		
- positive bending	9,0 kNm/m	
- positive bending, elevated temp.	8,69 kNm/m	
- negative bending	7,78 kNm/m	
- negative bending elevated temp.	7,51 kNm/m	
Bending resistance at an internal support		
- positive bending	8,40 kNm/m	
- positive bending, elevated temp.	8,10 kNm/m	
- negative bending	7,35 kNm/m	
- negative bending elevated temp.	7,09 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; Top coat SP25	EN 10346:2015 EN 10143:2008
Internal facing	steel 0,5 mm; S280GD; Z225 or AZ120 or ZM100; Top coat SP25	EN 10346:2015 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, July 1st 2026

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PROKURENT
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