

DECLARATION OF PERFORMANCE

No.: 38/2026

1. **Product name (ID code):** PolDeck TD 100 T, TM SP25 0,5/0,4
2. **Intended use:** roofs
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

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: 100 mm	EN 14509:2013
Heat transfer U _{d,s}	0,22 W/m ² K	
Thermal conductivity λ declared	0,022 W/mK	
Tensile strength	0,1 MPa	
Shear strength	0,098 MPa	
Shear modulus (core)	2,67 MPa	
Compressive strength (core)	0,09 MPa	
Creep coefficient	t=2000 h: 1,39; t=100 000 h: 2,12	
Bending resistance in span		
- positive bending	9,67 kNm/m	
- positive bending, elevated temp.	8,84 kNm/m	
- negative bending	5,31 kNm/m	
- negative bending elevated temp.	4,93 kNm/m	
Bending resistance at an internal support		
- positive bending	4,97 kNm/m	
- positive bending, elevated temp.	4,62 kNm/m	
- negative bending	10,76 kNm/m	
- negative bending elevated temp.	10,38 kNm/m	
Water permeability	Class A (1200 Pa)	
Air permeability	≤ 0,1 m ³ /h/m ²	
Water vapour permeability	Fulfils, impermeable	
Proper acoustic insulation	Rw 26 (-2, -4) dB	
Sound absorption	$\alpha_w = 0,15$	
Concentrated load resistance	NPD	
Durability	Fulfils	
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 0,4 mm; S280GD; Z225 or AZ120 or ZM100; Top coat SP25	EN 10346:2015 EN 10143:2008
Reaction to fire (core)	NPD	EN 13501-1:2018
Reaction to fire (product)	NPD	EN 13501-1:2019
Fire resistance	REI 30, RE 60	EN 13501-2:2016*
External fire exposure	B _{ROOF} (t1)	EC Commission's Decision 2006/600/WE

8. **Appropriate technical documentation or special technical documentation:** *classification FIRES-CR-248-16-AUPE

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, August 31st 2026

Prokurent
Janusz Szczepański

EUROPANELS

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