

Declaration of performance no. 1/PW/MWSS

1. Identification code of the product type / Trademark: PWW-S 60, PWW-S 80, PWW-S 100, PWW-S 120, PWW-S 140, PWW-S 150, PWW-S 160, PWW-S 180, PWW-S 200, PWW-S 240

Sandwich panel type „wall panel with visible joint” with mineral wool core, marked with the symbol PWW-S 60, PWW-S 80, PWW-S 100, PWW-S 120, PWW-S 140, PWW-S 150, PWW-S 160, PWW-S 180, PWW-S 200, PWW-S 240, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm], and thickness 60, 80, 100, 120, 140, 150, 160, 180, 200, 240 [mm].

2. Application of the product:

Self-supporting, double metal faced insulating sandwich panels, intended to be fixed to supporting structure, for ceiling, partition and external walls.

3. Producer: Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Evaluation and verification system of product performances:

Conformity valuation system 3.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12

Notified bodies responsible for product type tests: Building Research Institute in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310, and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

PWW-S											
Panel thickness [mm]		60	80	100	120	140	150	160	180	200	240
Thermal conductivity, λ_D [W/(m·K)]		0.041									
Thermal transmittance, U_c [W/(m ² ·K)]		0.66	0.49	0.39	0.33	0.28	0.27	0.25	0.22	0,20	0,17
Tensile strength [MPa]		0.090									
Tensile E-modulus [MPa]		5.5									
Compressive strength [MPa]		0.10									
Compressive E-modulus [MPa]		4.4									
Shear strength [MPa]		0.045					0.040				
Shear E-modulus [MPa]		3.2					2.2				
Wrinkling stress [MPa]	In span	External facing		124			121	118	112	105	93
		External facing, elevated temperature		124			121	118	112	105	93
		Internal facing		115			112	110	105	101	92
	At central support	External facing		132			127	122	113	103	85
		External facing, elevated temperature		132			127	122	113	103	85
		Internal facing		132			127	122	113	103	85

		PWW-S									
Panel thickness [mm]		60	80	100	120	140	150	160	180	200	240
Apparent core density [kg/m ³]		100 +15/-10 %									
Fire reaction class		A2-s1,d0									
Wall fire resistance class	Horizontal layout	NPD		EI 90	EI 120			EI 240			
	Vertical layout	NPD	EI 30	EI 90	EI 180						
Water permeability		B									
Air permeability [m ³ /(h·m ²)]		≤1.5									
Water vapour permeability		impermeable									
Acoustic insulation R _w (C,C _w) [dB]		31 (-1;-3)	33 (0;-3)	31 (-1;-3)			34 (-1;-3)		31 (-1;-3)		
Durability, long term mechanical properties - all colours meet the requirements											
The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with Regulation (EC) No. 1907/2006.											

8. Summary:

Performance of above-mentioned product is in conformity with the declared performances. This declaration of performance is issued in accordance with Regulation (EC) No 305/2011, 568/2014 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 01.06.2026

Signed on behalf of the producer:
(full name)

