

## Declaration of Performance no. 6/I/SL

### 1. Identification code of product type / Trade name: PW PIR-S Lite 40

Sandwich panel from "wall panels with visible joint" family with polyisocyanurate core marked with symbol PW PIR-S Lite 40 with coverage width 1130 [mm] optionally 1000 [mm] or 1050 [mm] and nominal thickness 40 [mm].

### 2. Use of construction product:

Self-supporting double skin steel faced insulating panels, intended for fixing to structural supports to provide divisional structures – external walls, internal walls and ceilings.

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

### 4. System of Assessment and Verification of Constancy of Performance of construction product:

Assessment of conformity system 3 was applied.

### 5. Harmonised standard / Notified Bodies participating in determination of product type:

Harmonised standard: PN-EN 14509:2013-12.

Notified Bodies participating in determination of product type: Building Research Institute Group of Testing Laboratories in Warsaw, notification number 1488, Institute of Mechanised Construction and Rock Mining, notification number 1454 and FIRES Laboratory in Batizovce, notification number 1396.

### 6. Declared performance of metal facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm ;

R- proof yield stress of steel minimum 220 MPa;

Corrosion protection system with use of two protective coatings: metallic and organic

### 7. Declared performance:

PW PIR-S LITE 40				
Thermal conductivity coefficient $\lambda_D$	0,023 W/m K	Apparent density	35 kg/m <sup>3</sup> +/-1,5 kg/m <sup>3</sup>	
Heat transfer coefficient $U_c$	0,59 W/(m <sup>2</sup> K)			
Tensile strength	55 kPa	Reaction-to-fire classification		
Tensile modulus	2.65 kPa	Fire resistance classification of walls	Horizontal arrangement	NPD
			Vertical arrangement	NPD
Compressive strength	95 kPa	Water permeability		
Compression modulus	2.55 MPa	Air permeability		
Shear strength	100 kPa	Water vapour permeability		
Shear modulus	2.30 MPa	Acoustic resistance $R_w$ (C,C <sub>tr</sub> )		
Durability, long-term mechanical properties - met by all colours				
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:

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued in accordance with Regulation of the European Parliament (EU) no. 305/2011 under the sole responsibility of the manufacturer referred to above.

Chorzów, 25.10.2024

PREZES ZARZĄDU

*mgr Marek Skowron*

For and on behalf of the  
manufacturer:  
(name and surname)



## Declaration of Performance no. 7/I/SL

**1. Identification code of product type / Trade name: PW PIR-S Lite 60**

Sandwich panel from "wall panels with visible joint" family with polyisocyanurate core marked with symbol PW PIR-S Lite 60 with coverage width 1130 [mm] optionally 1000 [mm] or 1050 [mm] and nominal thickness 60 [mm].

**2. Use of construction product:**

Self-supporting double skin steel faced insulating panels, intended for fixing to structural supports to provide divisional structures – external walls, internal walls and ceilings.

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

**4. System of Assessment and Verification of Constancy of Performance of construction product:**

Assessment of conformity system 3 was applied.

**5. Harmonised standard / Notified Bodies participating in determination of product type:**

Harmonised standard: PN-EN 14509:2013-12.

Notified Bodies participating in determination of product type: Building Research Institute Group of Testing Laboratories in Warsaw, notification number 1488, Institute of Mechanised Construction and Rock Mining, notification number 1454 and FIRES Laboratory in Batizovce, notification number 1396.

**6. Declared performance of metal facings:**

Facing thicknesses: 0.4; 0.5; 0.6 mm ;

R- proof yield stress of steel minimum 220 MPa;

Corrosion protection system with use of two protective coatings: metallic and organic

**7. Declared performance:**

PW PIR-S LITE 60				
Thermal conductivity coefficient $\lambda_D$	0,023 W/m K	Apparent density	35 kg/m <sup>3</sup> +/-1,5 kg/m <sup>3</sup>	
Heat transfer coefficient $U_c$	0,38 W/(m <sup>2</sup> K)			
Tensile strength	55 kPa	Reaction-to-fire classification		
Tensile modulus	2.65 kPa	Fire resistance classification of walls	Horizontal arrangement	NPD
			Vertical arrangement	NPD
Compressive strength	95 kPa	Water permeability		
Compression modulus	2.55 MPa	Air permeability		
Shear strength	100 kPa	Water vapour permeability		
Shear modulus	2.30 MPa	Acoustic resistance $R_w(C,C_{tr})$		
Durability, long-term mechanical properties - met by all colours				
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:**

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation of the European Parliament (EU) no. 305/2011 under the sole responsibility of the manufacturer referred to above.

Chorzów, 25.10.2024

PREZES ZARZĄDU

*mgr Marek Skowron*

For and on behalf of the  
 manufacturer:  
 ( name and surname )



## Declaration of Performance no. 8/I/SL

### 1. Identification code of product type / Trade name: PW PIR-S Lite 80

Sandwich panel from "wall panels with visible joint" family with polyisocyanurate core marked with symbol PW PIR-S Lite 80 with coverage width 1130 [mm] optionally 1000 [mm] or 1050 [mm] and nominal thickness 80 [mm].

### 2. Use of construction product:

Self-supporting double skin steel faced insulating panels, intended for fixing to structural supports to provide divisional structures – external walls, internal walls and ceilings.

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

### 4. System of Assessment and Verification of Constancy of Performance of construction product:

Assessment of conformity system 3 was applied.

### 5. Harmonised standard / Notified Bodies participating in determination of product type:

Harmonised standard: PN-EN 14509:2013-12.

Notified Bodies participating in determination of product type: Building Research Institute Group of Testing Laboratories in Warsaw, notification number 1488, Institute of Mechanised Construction and Rock Mining, notification number 1454 and FIRES Laboratory in Batizovce, notification number 1396.

### 6. Declared performance of metal facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm ;

R- proof yield stress of steel minimum 220 MPa;

Corrosion protection system with use of two protective coatings: metallic and organic

### 7. Declared performance:

PW PIR-S LITE 80				
Thermal conductivity coefficient $\lambda_D$	0,023 W/m K	Apparent density	35 kg/m <sup>3</sup> +/-1,5 kg/m <sup>3</sup>	
Heat transfer coefficient $U_c$	0,28 W/(m <sup>2</sup> K)			
Tensile strength	55 kPa	Reaction-to-fire classification	B-s1,d0	
Tensile modulus	2.65 kPa	Fire resistance classification of walls	Horizontal arrangement	NPD
			Vertical arrangement	NPD
Compressive strength	95 kPa	Water permeability	B	
Compression modulus	2.55 MPa	Air permeability	≤1.5 m <sup>3</sup> /h/m <sup>2</sup>	
Shear strength	100 kPa	Water vapour permeability	impermeable	
Shear modulus	2.30 MPa	Acoustic resistance $R_w$ (C,C <sub>tr</sub> )	NPD	
Durability, long-term mechanical properties - met by all colours				
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:

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation of the European Parliament (EU) no. 305/2011 under the sole responsibility of the manufacturer referred to above.

Chorzów, 25.10.2024

PREZES ZARZĄDU

*mgr Marek Skowron*

For and on behalf of the  
manufacturer:  
( name and surname )



## Declaration of Performance no. 9/I/SL

### 1. Identification code of product type / Trade name: PW PIR-S Lite 100

Sandwich panel from "wall panels with visible joint" family with polyisocyanurate core marked with symbol PW PIR-S Lite 100 with coverage width 1130 [mm] optionally 1000 [mm] or 1050 [mm] and nominal thickness 100 [mm].

### 2. Use of construction product:

Self-supporting double skin steel faced insulating panels, intended for fixing to structural supports to provide divisional structures – external walls, internal walls and ceilings.

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

### 4. System of Assessment and Verification of Constancy of Performance of construction product:

Assessment of conformity system 3 was applied.

### 5. Harmonised standard / Notified Bodies participating in determination of product type:

Harmonised standard: PN-EN 14509:2013-12.

Notified Bodies participating in determination of product type: Building Research Institute Group of Testing Laboratories in Warsaw, notification number 1488, Institute of Mechanised Construction and Rock Mining, notification number 1454 and FIRES Laboratory in Batizovce, notification number 1396.

### 6. Declared performance of metal facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm ;

R- proof yield stress of steel minimum 220 MPa;

Corrosion protection system with use of two protective coatings: metallic and organic

### 7. Declared performance:

PW PIR-S LITE 100				
Thermal conductivity coefficient $\lambda_D$	0,023 W/m K	Apparent density	35 kg/m <sup>3</sup> +/-1,5 kg/m <sup>3</sup>	
Heat transfer coefficient $U_c$	0,22 W/(m <sup>2</sup> K)			
Tensile strength	55 kPa	Reaction-to-fire classification		
Tensile modulus	2.65 kPa	Fire resistance classification of walls	Horizontal arrangement	EI 15
			Vertical arrangement	NPD
Compressive strength	95 kPa	Water permeability		B
Compression modulus	2.55 MPa	Air permeability		≤1.5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	100 kPa	Water vapour permeability		impermeable
Shear modulus	2.30 MPa	Acoustic resistance $R_w (C, C_{tr})$		NPD
Durability, long-term mechanical properties - met by all colours				
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:

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Chorzów, 25.10.2024

PREZES ZARZĄDU

*mgr Marek Skowron*

For and on behalf of the  
manufacturer:  
(name and surname)



## Declaration of Performance no. 10/I/SL

**1. Identification code of product type / Trade name: PW PIR-S Lite 120**

Sandwich panel from "wall panels with visible joint" family with polyisocyanurate core marked with symbol PW PIR-S Lite 120 with coverage width 1130 [mm] optionally 1000 [mm] or 1050 [mm] and nominal thickness 120 [mm].

**2. Use of construction product:**

Self-supporting double skin steel faced insulating panels, intended for fixing to structural supports to provide divisional structures - external walls, internal walls and ceilings.

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

**4. System of Assessment and Verification of Constancy of Performance of construction product:**

Assessment of conformity system 3 was applied.

**5. Harmonised standard / Notified Bodies participating in determination of product type:**

Harmonised standard: PN-EN 14509:2013-12.

Notified Bodies participating in determination of product type: Building Research Institute Group of Testing Laboratories in Warsaw, notification number 1488, Institute of Mechanised Construction and Rock Mining, notification number 1454 and FIRES Laboratory in Batizovce, notification number 1396.

**6. Declared performance of metal facings:**

Facing thicknesses: 0.4; 0.5; 0.6 mm ;

R- proof yield stress of steel minimum 220 MPa;

Corrosion protection system with use of two protective coatings: metallic and organic

**7. Declared performance:**

PW PIR-S LITE 120				
Thermal conductivity coefficient $\lambda_D$	0,023 W/m K	Apparent density	35 kg/m <sup>3</sup> +/-1,5 kg/m <sup>3</sup>	
Heat transfer coefficient $U_c$	0,19 W/(m <sup>2</sup> K)			
Tensile strength	55 kPa	Reaction-to-fire classification		
Tensile modulus	2.65 kPa	Fire resistance classification of walls	Horizontal arrangement	EI 15
			Vertical arrangement	NPD
Compressive strength	95 kPa	Water permeability		
Compression modulus	2.55 MPa	Air permeability		
Shear strength	100 kPa	Water vapour permeability		
Shear modulus	2.30 MPa	Acoustic resistance $R_w (C, C_{tr})$		
Durability, long-term mechanical properties - met by all colours				
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:**

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation of the European Parliament (EU) no. 305/2011 under the sole responsibility of the manufacturer referred to above.

Chorzów, 25.10.2024

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