

## Declaration of performance nr 6/I/S

### 1. Identification code of the product type / Trademark: PW PIR-S 40

Sandwich panel type „wall panel with visible joint” with polyisocyanurate core, marked with the symbol PW PIR-S 40, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 40 [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 – No. 1488, Institute of Mechanised Construction and Rock Mining – No. 1454 and FIRES Laboratory in Batizovce – 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:

PW PIR-S 40			
Thermal conductivity $\lambda_D$	0,022 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance $U_c$	0,58 W/(m <sup>2</sup> K)		
Tensile strength	80 kPa	Fire reaction class	B-s1,d0
Tensile E-modulus	2,25 MPa	Wall fire resistance class	NPD
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	120 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 MPa	Acoustic insulation $R_w(C,C_{tr})$	26 (-3;-4) dB
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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 01.04.2024

WICEPREZES ZARZĄDU

*mgr inż. Marek Bomański*

Signed on behalf of the producer:  
( full name )

## Declaration of performance nr 7/I/S

### 1. Identification code of the product type / Trademark: PW PIR-S 60

Sandwich panel type „wall panel with visible joint” with polyisocyanurate core, marked with the symbol PW PIR-S 60, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 60 [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 – No. 1488, Institute of Mechanised Construction and Rock Mining – No. 1454 and FIRES Laboratory in Batizovce – 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:

PW PIR-S 60			
Thermal conductivity $\lambda_D$	0,022 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance $U_c$	0,37 W/(m <sup>2</sup> K)		
Tensile strength	80 kPa	Fire reaction class	B-s1,d0
Tensile E-modulus	2,25 MPa	Wall fire resistance class	NPD
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	120 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 MPa	Acoustic insulation $R_w(C,C_{tr})$	26 (-3;-4) dB
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:

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Chorzów, 01.04.2024

WICEPREZES ZARZĄDU

*mgr inż. Marek Romański*

Signed on behalf of the producer:  
( full name )



## Declaration of performance nr 8/I/S

### 1. Identification code of the product type / Trademark: PW PIR-S 80

Sandwich panel type „wall panel with visible joint” with polyisocyanurate core, marked with the symbol PW PIR-S 80, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 80 [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 – No. 1488, Institute of Mechanised Construction and Rock Mining – No. 1454 and FIRES Laboratory in Batizovce – 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:

PW PIR-S 80			
Thermal conductivity $\lambda_D$	0,022 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance $U_c$	0,27 W/(m <sup>2</sup> K)	Fire reaction class	B-s1,d0
Tensile strength	80 kPa	Wall fire resistance class	Horizontal layout EI 15
Tensile E-modulus	2,25 MPa		Vertical layout NPD
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	120 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 MPa	Acoustic insulation $R_w(C,C_{tr})$	26 (-3;-4) dB
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.			

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WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:  
( full name )

## Declaration of performance nr 9/I/S

### 1. Identification code of the product type / Trademark: **PW PIR-S 100**

Sandwich panel type „wall panel with visible joint” with polyisocyanurate core, marked with the symbol PW PIR-S 100, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 100 [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 – No. 1488, Institute of Mechanised Construction and Rock Mining – No. 1454 and FIRES Laboratory in Batizovce – 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:

PW PIR-S 100			
Thermal conductivity $\lambda_D$	0,022 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance $U_c$	0,22 W/(m <sup>2</sup> K)	Fire reaction class	B-s1,d0
Tensile strength	80 kPa	Wall fire resistance class	Horizontal layout EI 15
Tensile E-modulus	2,25 MPa		Vertical layout EI 30
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	120 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 MPa	Acoustic insulation $R_w(C,C_{tr})$	26 (-3;-4) dB
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.			

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Chorzów, 01.04.2024

WICEPREZES ZARZĄDU

*mgr inż. Marek Romański*

Signed on behalf of the producer:  
(full name)



## Declaration of performance nr 10/I/S

### 1. Identification code of the product type / Trademark: PW PIR-S 120

Sandwich panel type „wall panel with visible joint” with polyisocyanurate core, marked with the symbol PW PIR-S 120, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 120 [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 – No. 1488, Institute of Mechanised Construction and Rock Mining – No. 1454 and FIRES Laboratory in Batizovce – No. 1396.

### 6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 m;

R- minimum yield strength of steel faces 220 MPa;

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

#### 1. Declared values:

PW PIR-S 120			
Thermal conductivity $\lambda_D$	0,022 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance $U_c$	0,18 W/(m <sup>2</sup> K)	Fire reaction class	B-s1,d0
Tensile strength	80 kPa	Wall fire resistance class	Horizontal layout EI 30
Tensile E-modulus	2,25 MPa		Vertical layout EI 30
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	120 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 MPa	Acoustic insulation $R_w(C,C_{tr})$	26 (-3;-4) dB
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.			

#### 2. Summary:

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Chorzów, 01.04.2024

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*mgr inż. Marek Romański*

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( full name )