

Declaration of performance nr 15/I/SU

1. Identification code of the product type / Trademark: **PW PIR-SU 60**

Sandwich panel type „wall panel with hidden joint” with polyisocyanurate core, marked with the symbol PW PIR-SU 60, modular width 1050 [mm], optional 1000 [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. Michałkowska 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 and Institute of Mechanised Construction and Rock Mining – No. 1454

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-SU 60			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,42 W/(m ² 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 ³ /h/m ²
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, 22.11.2023

WICEPREZES ZARZĄDU
mgr inż. Marek Romański
Signed on behalf of the producer:
(full name)

Declaration of performance nr 16/I/SU

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

Sandwich panel type „wall panel with hidden joint” with polyisocyanurate core, marked with the symbol PW PIR-SU 80, modular width 1050 [mm], optional 1000 [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 and Institute of Mechanised Construction and Rock Mining – No. 1454

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-SU 80			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_C	0,29 W/(m ² 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 ³ /h/m ²
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, 22.11.2023

WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:
(full name)

Declaration of performance nr 17/I/SU

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

Sandwich panel type „wall panel with hidden joint” with polyisocyanurate core, marked with the symbol PW PIR-SU 100, modular width 1050 [mm], optional 1000 [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 and Institute of Mechanised Construction and Rock Mining – No. 1454

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-SU 100			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,23 W/(m ² K)		
Tensile strength	80 kPa	Fire reaction class	B-s1,d0
Tensile E-modulus	2,25 MPa	Wall fire resistance class*	EI 15
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m ³ /h/m ²
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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*- classification from inside to outside "i→o"

Chorzów, 22.11.2023

WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:
(full name)

Declaration of performance nr 18/I/SU

1. Identification code of the product type / Trademark: **PW PIR-SU 120**

Sandwich panel type „wall panel with hidden joint” with polyisocyanurate core, marked with the symbol PW PIR-SU 120, modular width 1050 [mm], optional 1000 [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 and Institute of Mechanised Construction and Rock Mining – No. 1454

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-SU 120			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,19 W/(m ² K)		
Tensile strength	80 kPa	Fire reaction class	B-s1,d0
Tensile E-modulus	2,25 MPa	Wall fire resistance class*	EI 15
Compressive strength	120 kPa	Water permeability	B
Compressive E-modulus	2,80 MPa	Air permeability	≤1,5 m ³ /h/m ²
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.

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