

Declaration of performance nr 23/I/CH

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

Sandwich panel type „coldroom panel” with polyisocyanurate core, marked with the symbol PW PIR-CH 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 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-CH 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	0,18 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 30
Compressive strength	110 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 3. 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, 18.10.2022

WICEPREZES ZARZADU

mgr inż. Marek Romański

Signed on behalf of the producer:
(full name)

Declaration of performance nr 24/I/CH

1. Identification code of the product type / Trademark: PW PIR-CH 160

Sandwich panel type „coldroom panel” with polyisocyanurate core, marked with the symbol PW PIR-CH 160, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 160 [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 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-CH 160			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,14 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 30
Compressive strength	110 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 3. 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, 18.10.2022

WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:
(full name)

Declaration of performance nr 25/I/CH

1. Identification code of the product type / Trademark: **PW PIR-CH 180**

Sandwich panel type „coldroom panel” with polyisocyanurate core, marked with the symbol PW PIR-CH 180, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 180 [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 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-CH 180			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,12 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 30
Compressive strength	110 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 3. 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, 18.10.2022

WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:
(full name)

Declaration of performance nr 26/I/CH

1. Identification code of the product type / Trademark: PW PIR-CH 200

Sandwich panel type „coldroom panel” with polyisocyanurate core, marked with the symbol PW PIR-CH 200, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 200 [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 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-CH 200			
Thermal conductivity λ_D	0,022 W/m K	Apparent core density	40 kg/m ³ +/-3 kg/m ³
Thermal transmittance U_c	0,11 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 30
Compressive strength	110 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 3. 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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