1. Identification code of the product type / Trademark:

PW PIR - SU 60

Sandwich panel type „wall panel with hidden joint" with PIR 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 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 was applied according to the requirements of the norms EN 13172 and EN 14509.

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

External facing 0,5 mm, internal facing 0,5 or 0,4 mm;
R- minimum yield strength of steel faces 220 MPa;
Duplex system for corrosion protection – two protection layers: metallic and organic, for corrosion category RC3, atmosphere with low content of SO_2.

7. Declared values

PW PIR – SU 60			
Thermal conductivity λ_D	*0,023 W/m K*	*Apparent core density*	*40 kg/m^3 +/-3 kg/m^3*
Thermal transmittance of a panel U	*0,36 W/(m^2 K)*	*Thermal transmittance $U_{d,s}$*	*0,39 W/(m^2 K)*
Tensile strength	*110 kPa*	*Fire reaction class*	*„E"; B-s2,d0*
Tensile E-modulus	*3,30 MPa*	*Fire resistance class to external fire*	*NRO*
Compressive strength	*120 kPa*	*Wall fire resistance class*	*NPD*
Compressive E-modulus	*2,80 MPa*	*Water permeability*	*B*
Shear strength	*120 kPa*	*Air permeability*	*≤5 m^3/h/m^2*
Shear E-modulus	*2,80 MPa*	*Water vapour permeability*	*impermeable*
Acoustic insulation $R_W(C,C_{tr})$	*26 (-3;-4) dB*	*Durability, long term mechanical properties*	*all colours meet the requirements*

Product meets the tolerances according to the norm EN 14509, Annex D. Summary thermal transmittance Uc for the panels includes type of the panel joints, facing profiles, mechanical fasteners and foam aging according to the Chapter A.10. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in Report BPEC are in accordance with Chapter 5.

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 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed on behalf of the producer:

PANELTECH®
NOWOCZESNE BUDOWNICTWO

Chorzów, 04.01.2016

WICEPREZES ZARZĄDU
mgr inż. Marek Romański

CE	DECLARATION OF PERFORMANCE Nr 15/I/2016	Page 1 *Edition 5*

1. Identification code of the product type / Trademark:

PW PIR - SU 80

Sandwich panel type „wall panel with hidden joint" with PIR 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 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 was applied according to the requirements of the norms EN 13172 and EN 14509.

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

External facing 0,5 mm, internal facing 0,5 or 0,4 mm;
R- minimum yield strength of steel faces 220 MPa;
Duplex system for corrosion protection – two protection layers: metallic and organic, for corrosion category RC3, atmosphere with low content of SO_2.

7. Declared values

PW PIR – SU 80			
Thermal conductivity λ_D	*0,023 W/m K*	*Apparent core density*	*40 kg/m^3 +/-3 kg/m^3*
Thermal transmittance of a panel U	*0,27 W/(m^2 K)*	*Thermal transmittance $U_{d,s}$*	*0,29 W/(m^2 K)*
Tensile strength	*110 kPa*	*Fire reaction class*	*„E"; B-s2,d0*
Tensile E-modulus	*3,30 MPa*	*Fire resistance class to external fire*	*NRO*
Compressive strength	*120 kPa*	*Wall fire resistance class*	*NPD*
Compressive E-modulus	*2,80 MPa*	*Water permeability*	*B*
Shear strength	*120 kPa*	*Air permeability*	*≤5 m^3/h/m^2*
Shear E-modulus	*2,80 MPa*	*Water vapour permeability*	*impermeable*
Acoustic insulation $R_W(C,C_{tr})$	*26 (-3;-4) dB*	*Durability, long term mechanical properties*	*all colours meet the requirements*

Product meets the tolerances according to the norm EN 14509, Annex D. Summary thermal transmittance Uc for the panels includes type of the panel joints, facing profiles, mechanical fasteners and foam aging according to the Chapter A.10. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in Report BPEC are in accordance with Chapter 5.

8. Summary:

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mgr inż. Marek Romański

CE	DECLARATION OF PERFORMANCE Nr 16/I/2016	Page 1 *Edition 5*

1. Identification code of the product type / Trademark:

PW PIR - SU 100

Sandwich panel type „wall panel with hidden joint" with PIR 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 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 was applied according to the requirements of the norms EN 13172 and EN 14509.

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

External facing 0,5 mm, internal facing 0,5 or 0,4 mm;
R- minimum yield strength of steel faces 220 MPa;
Duplex system for corrosion protection – two protection layers: metallic and organic, for corrosion category RC3, atmosphere with low content of SO_2.

7. Declared values

PW PIR – SU 100			
Thermal conductivity λ_D	*0,023 W/m K*	*Apparent core density*	*40 kg/m^3 +/-3 kg/m^3*
Thermal transmittance of a panel U	*0,22 W/(m^2 K)*	*Thermal transmittance $U_{d,s}$*	*0,23 W/(m^2 K)*
Tensile strength	*110 kPa*	*Fire reaction class*	*„E"; B-s2,d0*
Tensile E-modulus	*3,30 MPa*	*Fire resistance class to external fire*	*NRO*
Compressive strength	*120 kPa*	*Wall fire resistance class*	*EI 15 / EW 15*
Compressive E-modulus	*2,80 MPa*	*Water permeability*	*B*
Shear strength	*120 kPa*	*Air permeability*	*≤5 m^3/h/m^2*
Shear E-modulus	*2,80 MPa*	*Water vapour permeability*	*impermeable*
Acoustic insulation $R_W(C,C_{tr})$	*26 (-3;-4) dB*	*Durability, long term mechanical properties*	*all colours meet the requirements*
Product meets the tolerances according to the norm EN 14509, Annex D. Summary thermal transmittance Uc for the panels includes type of the panel joints, facing profiles, mechanical fasteners and foam aging according to the Chapter A.10. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in Report BPEC are in accordance with Chapter 5.			

8. Summary:

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WICEPREZES ZARZĄDU
mgr inż. Marek Romański

CE	DECLARATION OF PERFORMANCE Nr 17/I/2016	Page 1 *Edition 5*

1. Identification code of the product type / Trademark:

PW PIR - SU 120

Sandwich panel type „wall panel with hidden joint" with PIR 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 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 was applied according to the requirements of the norms EN 13172 and EN 14509.

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

External facing 0,5 mm, internal facing 0,5 or 0,4 mm;
R- minimum yield strength of steel faces 220 MPa;
Duplex system for corrosion protection – two protection layers: metallic and organic, for corrosion category RC3, atmosphere with low content of SO_2.

7. Declared values

PW PIR – SU 120			
Thermal conductivity λ_D	*0,023 W/m K*	*Apparent core density*	*40 kg/m^3 +/-3 kg/m^3*
Thermal transmittance of a panel U	*0,19 W/(m^2 K)*	*Thermal transmittance $U_{d,s}$*	*0,19 W/(m^2 K)*
Tensile strength	*110 kPa*	*Fire reaction class*	*„E"; B-s2,d0*
Tensile E-modulus	*3,30 MPa*	*Fire resistance class to external fire*	*NRO*
Compressive strength	*120 kPa*	*Wall fire resistance class*	*EI 15 / EW 15*
Compressive E-modulus	*2,80 MPa*	*Water permeability*	*B*
Shear strength	*120 kPa*	*Air permeability*	*≤5 m^3/h/m^2*
Shear E-modulus	*2,80 MPa*	*Water vapour permeability*	*impermeable*
Acoustic insulation $R_W(C,C_{tr})$	*26 (-3;-4) dB*	*Durability, long term mechanical properties*	*all colours meet the requirements*

Product meets the tolerances according to the norm EN 14509, Annex D. Summary thermal transmittance Uc for the panels includes type of the panel joints, facing profiles, mechanical fasteners and foam aging according to the Chapter A.10. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in Report BPEC are in accordance with Chapter 5.

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 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed on behalf of the producer:

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NOWOCZESNE BUDOWNICTWO

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