



DECLARATION OF PERFORMANCE  
Nr 1/U/S

Page 1

Edition 7

1. Identification code of the product type / Trademark:

**PW PUR - S 40**

**Sandwich panel type „wall panel with visible joint” with PUR core, marked with the symbol PW PUR-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. Michałkowska 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: 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<sub>2</sub>.

7. Declared values

PW PUR – S 40			
Thermal conductivity $\lambda_D$	0,023 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance U	0,52 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,59 W/(m <sup>2</sup> K)
Tensile strength	80 kPa	Fire reaction class	B-s2,d0
Tensile E-modulus	3,30 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 <sub>W</sub> (C,C <sub>tr</sub> )	26 (-3;-4) dB
Durability, long term mechanical properties		all colours meet the requirements	
Product meets the requirements according to the norm EN 14509, including tolerances from Annex D. Summary thermal transmittance U <sub>c</sub> for the panels includes type of panel joints, facing profiles and mechanical fasteners. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in annex 1 are in accordance with Chapter 5. During exploitation sandwich panels do not pose a threat to hygiene, health or personal safety. Meets the requirements of 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, 568/2014 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed for on behalf of the producer:



DECLARATION OF PERFORMANCE  
Nr 2/U/S

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Edition 7

1. Identification code of the product type / Trademark:

**PW PUR - S 60**

Sandwich panel type „wall panel with visible joint” with PUR core, marked with the symbol PW PUR-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 was applied according to the requirements of the norms EN 13172 and EN 14509.

5. Harmonized norm / Notified bodies:

Harmonized norm: 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<sub>2</sub>.

7. Declared values

PW PUR – S 60			
Thermal conductivity $\lambda_D$	0,023 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance U	0,36 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,38 W/(m <sup>2</sup> K)
Tensile strength	80 kPa	Fire reaction class	B-s2,d0
Tensile E-modulus	3,30 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 <sub>W</sub> (C,C <sub>tr</sub> )	26 (-3;-4 ) dB
Durability, long term mechanical properties		all colours meet the requirements	
Product meets the requirements according to the norm EN 14509, including tolerances from Annex D. Summary thermal transmittance U <sub>c</sub> for the panels includes type of panel joints, facing profiles and mechanical fasteners. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in annex 1 are in accordance with Chapter 5. During exploitation sandwich panels do not pose a threat to hygiene, health or personal safety. Meets the requirements of 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 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed for on behalf of the producer:



Chorzów, 10.11.2020

WICEPREZES ZARZĄDU  
  
mgr inż. Marek Romański



DECLARATION OF PERFORMANCE  
Nr 3/U/S

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Edition 7

1. Identification code of the product type / Trademark:

**PW PUR - S 80**

**Sandwich panel type „wall panel with visible joint” with PUR core, marked with the symbol PW PUR-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 was applied according to the requirements of the norms EN 13172 and EN 14509.

5. Harmonized norm / Notified bodies:

Harmonized norm: 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<sub>2</sub>.

7. Declared values

PW PUR – S 80			
Thermal conductivity $\lambda_D$	0,023 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance U	0,27 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,28 W/(m <sup>2</sup> K)
Tensile strength	80 kPa	Fire reaction class	B-s2,d0
Tensile E-modulus	3,30 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 <sub>W</sub> (C,C <sub>tr</sub> )	26 (-3;-4) dB
Durability, long term mechanical properties		all colours meet the requirements	
Product meets the requirements according to the norm EN 14509, including tolerances from Annex D. Summary thermal transmittance U <sub>c</sub> for the panels includes type of panel joints, facing profiles and mechanical fasteners. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in annex 1 are in accordance with Chapter 5. During exploitation sandwich panels do not pose a threat to hygiene, health or personal safety. Meets the requirements of 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, 568/2014 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed for and on behalf of the producer:



DECLARATION OF PERFORMANCE  
Nr 4/U/S

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Edition 7

1. Identification code of the product type / Trademark:

**PW PUR - S 100**

**Sandwich panel type „wall panel with visible joint” with PUR core, marked with the symbol PW PUR-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 was applied according to the requirements of the norms EN 13172 and EN 14509.

5. Harmonized norm / Notified bodies:

Harmonized norm: 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<sub>2</sub>.

7. Declared values

PW PUR – S 100			
Thermal conductivity $\lambda_D$	0,023 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance U	0,22 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,22 W/(m <sup>2</sup> K)
Tensile strength	80 kPa	Fire reaction class	B-s2,d0
Tensile E-modulus	3,30 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 <sub>W</sub> (C,C <sub>tr</sub> )	26 (-3;-4 ) dB
Durability, long term mechanical properties		all colours meet the requirements	
Product meets the requirements according to the norm EN 14509, including tolerances from Annex D. Summary thermal transmittance U <sub>c</sub> for the panels includes type of panel joints, facing profiles and mechanical fasteners. 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. During exploitation sandwich panels do not pose a threat to hygiene, health or personal safety. Meets the requirements of 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, 568/2014 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed for on behalf of the producer:



# DECLARATION OF PERFORMANCE

Nr 5/U/S

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Edition 7

1. Identification code of the product type / Trademark:

## PW PUR - S 120

**Sandwich panel type „wall panel with visible joint” with PUR core, marked with the symbol PW PUR-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 was applied according to the requirements of the norms EN 13172 and EN 14509.

5. Harmonized norm / Notified bodies:

Harmonized norm: 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<sub>2</sub>.

7. Declared values

PW PUR – S 120			
Thermal conductivity $\lambda_D$	0,023 W/m K	Apparent core density	40 kg/m <sup>3</sup> +/-3 kg/m <sup>3</sup>
Thermal transmittance U	0,19 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,19 W/(m <sup>2</sup> K)
Tensile strength	80 kPa	Fire reaction class	B-s2,d0
Tensile E-modulus	3,30 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 <sub>w</sub> (C,C <sub>tr</sub> )	26 (-3;-4) dB
Durability, long term mechanical properties		all colours meet the requirements	
Product meets the requirements according to the norm EN 14509, including tolerances from Annex D. Summary thermal transmittance U <sub>c</sub> for the panels includes type of panel joints, facing profiles and mechanical fasteners. Thermal transmittance U refers to sandwich panel as building element and characteristic values for mechanical properties included in annex 1 are in accordance with Chapter 5. During exploitation sandwich panels do not pose a threat to hygiene, health or personal safety. Meets the requirements of 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, 568/2014 and 574/2014 of the European Parliament under the sole responsibility of the producer identified above.

Signed for and on behalf of the producer:



Chorzów, 10.11.2020

WICEPREZES ZARZĄDU

mgr inż. Marek Romaniński