



**DECLARATION OF PERFORMANCE**  
**Nr 1/18/EPSS**

**Page 1**

*Edition 1*

1. Identification code of the product type / Trademark:

**PWS - S 40**

**Sandwich wall panel with EPS insulating core, marked with the symbol PWS-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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488*

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

PWS - S 40			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,86 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,96 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:

1. Identification code of the product type / Trademark:

## PWS - S 50

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 50, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 50 [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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 50			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,70 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,77 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:





**DECLARATION OF PERFORMANCE**  
**Nr 3/18/EPSS**

**Page 1**

*Edition 1*

1. Identification code of the product type / Trademark:

**PWS - S 60**

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488*

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

PWS - S 60			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,60 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,64 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:

WICEPREZES ZARZĄDU

mgr inż. Marek Romański



DECLARATION OF PERFORMANCE  
Nr 4/18/EPSS

Page 1

Edition 1

1. Identification code of the product type / Trademark:

**PWS - S 80**

Wall sandwich panel with EPS insulating core, marked with the symbol PWS-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. Michalkowicka 24.

4. Evaluation and verification system of product performances

Conformity valuation system 3 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 80			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,46 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,48 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:

WICEPREZES ZARZĄDU

mgr inż. Marek Romański





DECLARATION OF PERFORMANCE  
Nr 5/18/EPSS

Page 1

Edition 1

1. Identification code of the product type / Trademark:

**PWS - S 100**

Wall sandwich panel with EPS insulating core, marked with the symbol PWS-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. Michałkowska 24.

4. Evaluation and verification system of product performances

Conformity valuation system 3 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 100			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,38 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,39 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D,Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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, 16.07.2018

WICEPREZES ZARZĄDU

mgr inż. Marek Romański



**DECLARATION OF PERFORMANCE**  
**Nr 6/18/EPSS**

**Page 1**

*Edition 1*

1. Identification code of the product type / Trademark:

**PWS - S 120**

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-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. Michalkowicka 24.*

4. Evaluation and verification system of product performances

*Conformity valuation system 3 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488*

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

PWS - S 120			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,32 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,32 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D,Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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, 16.07.2018

WICEPREZES ZARZĄDU

mgr inż. Marek Romański





**DECLARATION OF PERFORMANCE**  
**Nr 7/18/EPSS**

**Page 1**

*Edition 1*

1. Identification code of the product type / Trademark:

**PWS - S 140**

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 140, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 140 [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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488*

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

PWS - S 140			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
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	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:



DECLARATION OF PERFORMANCE  
Nr 8/18/EPSS

Page 1

Edition 1

1. Identification code of the product type / Trademark:

**PWS - S 150**

Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 150, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 150 [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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 150			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,26 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,26 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D,Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:





DECLARATION OF PERFORMANCE  
Nr 9/18/EPSS

Page 1

Edition 1

1. Identification code of the product type / Trademark:

**PWS - S 160**

Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 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 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 160			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,24 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,24 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:

	<b>DECLARATION OF PERFORMANCE</b> <b>Nr 10/18/EPSS</b>	<b>Page 1</b>
		<b>Edition 1</b>

1. Identification code of the product type / Trademark:

## PWS - S 180

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 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. Michałkowska 24.

4. Evaluation and verification system of product performances

Conformity valuation system 3 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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


PWS - S 180			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,21 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,22 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:



	<b>DECLARATION OF PERFORMANCE</b> <b>Nr 11/18/EPSS</b>	<b>Page 1</b>
		<b>Edition 1</b>

1. Identification code of the product type / Trademark:

## PWS - S 200

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 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 was applied according to the requirements of the norms EN 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 200			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,19 W/(m <sup>2</sup> K)	Thermal transmittance $U_c$	0,20 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation $R_W(C,C_{tr})$	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D,Summary thermal transmittance $U_c$ for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:



DECLARATION OF PERFORMANCE  
Nr 12/18/EPSS

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Edition 1

1. Identification code of the product type / Trademark:

**PWS - S 225**

Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 225, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 225 [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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 225			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,17 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>e</sub>	0,17 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>W</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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:



1. Identification code of the product type / Trademark:

## PWS - S 250

**Wall sandwich panel with EPS insulating core, marked with the symbol PWS-S 250, modular width 1130 [mm], optional 1000 [mm] or 1050 [mm] and thickness 250 [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 13163 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, Research Laboratory Complex in Warsaw, notification no. 1488

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

PWS - S 250			
Thermal conductivity $\lambda_D$	0,040 W/m K	Apparent core density	12,5 kg/m <sup>3</sup> +/-10 %
Thermal transmittance U	0,16 W/(m <sup>2</sup> K)	Thermal transmittance U <sub>c</sub>	0,16 W/(m <sup>2</sup> K)
Tensile strength	90 kPa	Fire reaction class	NPD
Tensile E-modulus	2,20 MPa	Wall fire resistance class	NPD
Compressive strength	55 kPa	Water permeability	B
Compressive E-modulus	1,90 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Shear strength	50 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,04 MPa	Acoustic insulation R <sub>w</sub> (C,C <sub>tr</sub> )	NPD
Durability, long term mechanical properties		all colours meet the requirements	
The product observes the requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U <sub>c</sub> for the sandwich panel considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the sandwich panel as a building element, and the characteristic values for mechanical properties, as included in annex 1. During use, sandwich panels do not pose a threat to human hygiene, health or life. They fulfil 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: