

1. Identification code of the product-type / Trade name:

PWW - S 60 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 60 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 60 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 60 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,61 W/(m ² K)	Thermal transmittance U _e	0,62 W/(m ² K)
Tensile strength	75 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	NPD
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	30 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,50 MPa	Airborne sound insulation R _w (C, C _{tr})	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

We hereby declare that the performance of the aforementioned product does not change during use.

This declaration of performance is issued according to Regulations of the European Parliament (EU) no. 305/2011 and 574/2014 at the sole responsibility of the manufacturer specified above.

1. Identification code of the product-type / Trade name:

PWW - S 80 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 80 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 80 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 80 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,45 W/(m ² K)	Thermal transmittance U _c	0,47 W/(m ² K)
Tensile strength	75 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	NPD
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	30 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,50 MPa	Airborne sound insulation R _w (C, C _r)	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _c considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

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1. Identification code of the product-type / Trade name:

PWW - S 100 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 100 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 100 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 100 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,37 W/(m ² K)	Thermal transmittance U _c	0,38 W/(m ² K)
Tensile strength	75 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	30 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,50 MPa	Airborne sound insulation R _w (C,C _{tr})	33(0;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _c considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

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1. Identification code of the product-type / Trade name:

PWW - S 120 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 120 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 120 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 120 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,31 W/(m ² K)	Thermal transmittance U _e	0,32 W/(m ² K)
Tensile strength	75 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	30 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,50 MPa	Airborne sound insulation R _w (C, C _{tr})	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

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1. Identification code of the product-type / Trade name:

PWW - S 140 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 140 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 140 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013
 Notified bodies participating in product type determinations:
 Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488,
 CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.
 R - arbitrary plasticity limit of steel, minimum 220 MPa;
 Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

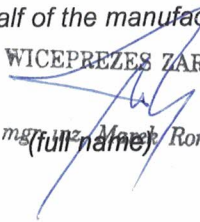
PWW - S 140 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,27 W/(m ² K)	Thermal transmittance U _e	0,27 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R _w (C,C _r)	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

We hereby declare that the performance of the aforementioned product does not change during use.
 This declaration of performance is issued according to Regulations of the European Parliament (EU) no. 305/2011 and 574/2014 at the sole responsibility of the manufacturer specified above.



Chorzów, 22.10.2018

On behalf of the manufacturer:
 WICEPREZES ZARZĄDU

 mgr inż. Marek Romański
 (full name)

1. Identification code of the product-type / Trade name:

PWW - S 160 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 160 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 160 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 160 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,23 W/(m ² K)	Thermal transmittance U _e	0,24 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R _W (C, C _r)	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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.			

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Chorzów, 22.10.2018

On behalf of the manufacturer:

WICEPREZES ZARZĄDU

mgr inż. Marek Romański
(full name)

1. Identification code of the product-type / Trade name:

PWW - S 180 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 180 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 180 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 180 lite			
Thermal conductivity λ_0	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,21 W/(m ² K)	Thermal transmittance U_e	0,21 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R_w (C,C _r)	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U_e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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.			

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Chorzów, 22.10.2018

On behalf of the manufacturer:

WICEPREZES ZARZĄDU

(full name) Marek Romański

1. Identification code of the product-type / Trade name:

PWW - S 200 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 200 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 200 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 200 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,19 W/(m ² K)	Thermal transmittance U _e	0,19 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R _w (C, C _{tr})	34(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _e considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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.			

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1. Identification code of the product-type / Trade name:

PWW - S 225 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 225 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 225 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a CR 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 225 lite			
Thermal conductivity λ_D	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,17 W/(m ² K)	Thermal transmittance U _c	0,17 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R _W (C, C _{tr})	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _c considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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.			

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Chorzów, 22.10.2018

On behalf of the manufacturer:
WICEPREZES ZARZĄDU

mgr inż. Marek Romański
(full name)



DECLARATION OF PERFORMANCE
No. 20/18/MWSL

Page 1

Edition 2

1. Identification code of the product-type / Trade name:

PWW - S 250 lite

Wall sandwich panel with a mineral wool insulating core marked PWW – S 250 lite of 1130 [mm] in width of coverage, optionally 1000 [mm] or 1050 [mm] and 250 [mm] in nominal thickness.

2. Application of the construction product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to structural support to execute building partitions – external walls, internal walls and ceilings.

3. Producer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24.

4. Performance consistency verification and assessment system for a construction product

Conformity system 3 was applied according to the guidelines of EN 13162 and EN 14509.

5. Harmonized standard / Notified bodies participating in product type determinations:

Harmonized standard: EN 14509:2013

Notified bodies participating in product type determinations:

Building Research Institute, Research Laboratory Complex in Warsaw, notification no. 1488, CERTBUD Research and Calibration laboratories in Warsaw, notification no. 2310 and the FIRES Laboratory in Batizovce, notification no. 1396.

6. Declared performance of steel facings.

Steel facings: external 0,5 or 0,6 mm in thickness and internal of 0,5 mm in thickness.

R - arbitrary plasticity limit of steel, minimum 220 MPa;

Anti-corrosive system, two protective coats: metallic and organic, which contribute to a RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 250 lite			
Thermal conductivity λ_0	0,039 W/m K	Apparent density	85 kg/m ³ +15/-10%
Thermal transmittance U	0,15 W/(m ² K)	Thermal transmittance U _c	0,15 W/(m ² K)
Tensile strength	45 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	4,70 MPa	Fire resistance classification of the walls	EI 30
Compressive strength	60 kPa	Water permeability	B
Compressive E-modulus	3,50 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	20 kPa	Water vapour permeability	impermeable
Shear E-modulus	1,60 MPa	Airborne sound insulation R _W (C,C _{tr})	31(-1;-3)
Durability, long-term mechanical properties		All colours meet the requirements	
The product observes other requirements of EN 14509, including: the dimensional tolerances comply with Annex D, Summary thermal transmittance U _c considers the suitable type of steel joint, facing profiles and mechanical fasteners, the thermal transmittance U concerns the product as a building element. The characteristic values for mechanical properties were obtained by applying the principle of jointing products, as set forth in annex 2. 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:

We hereby declare that the performance of the aforementioned product does not change during use.

This declaration of performance is issued according to Regulations of the European Parliament (EU) no. 305/2011 and 574/2014 at the sole responsibility of the manufacturer specified above.



Chorzów, 22.10.2018

On behalf of the manufacturer:
WICEPREZES ZARZĄDU

mgr inż. Marek Romański
(full name)