



DECLARATION OF PERFORMANCE
No. 1/18/MWSS

Page 1

Edition 3

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

PWW - S 60

Wall sandwich panel with a mineral wool insulating core marked PWW – S 60 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 CR 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 60			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,61 W/(m ² K)	Thermal transmittance U _c	0,66 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	NPD
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	45 kPa	Water vapour permeability	impermeable
Shear E-modulus	3,20 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 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:

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, 15.07.2019

On behalf of the manufacturer:

(full name)
PREZES Zarządu
mgr inż. Jerzy Skowronek



DECLARATION OF PERFORMANCE
No. 2/18/MWSS

Page 1

Edition 3

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

PWW - S 80

Wall sandwich panel with a mineral wool insulating core marked PWW – S 80 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,47 W/(m ² K)	Thermal transmittance U _c	0,49 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	NPD
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	45 kPa	Water vapour permeability	impermeable
Shear E-modulus	3,20 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 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:

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, 15.07.2019

On behalf of the manufacturer:

(full name)
PREZES Zarządu
mgr inż. Jerzy Skowronek



DECLARATION OF PERFORMANCE
No. 3/18/MWSS

Page 1

Edition 3

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

PWW - S 100

Wall sandwich panel with a mineral wool insulating core marked PWW – S 100 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,38 W/(m ² K)	Thermal transmittance U _c	0,39 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 60
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	45 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,80 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 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:

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Chorzów, 15.07.2019

On behalf of the manufacturer:

PREZES Zarządu
(full name)
mgr inż. Jerzy Skowronek



DECLARATION OF PERFORMANCE
No. 4/18/MWSS

Page 1

Edition 3

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

PWW - S 120

Wall sandwich panel with a mineral wool insulating core marked PWW – S 120 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,32 W/(m ² K)	Thermal transmittance U _c	0,33 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 60
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	45 kPa	Water vapour permeability	impermeable
Shear E-modulus	3,20 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 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:

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, 15.07.2019

On behalf of the manufacturer:

mgr inż. Jerzy Skowronek



DECLARATION OF PERFORMANCE
No. 5/18/MWSS

Page 1

Edition 3

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

PWW - S 140

Wall sandwich panel with a mineral wool insulating core marked PWW – S 140 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,28 W/(m ² K)	Thermal transmittance U _e	0,28 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 60
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	45 kPa	Water vapour permeability	impermeable
Shear E-modulus	3,20 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 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:

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, 15.07.2019

On behalf of the manufacturer:

mgr inż. Jerzy Skowronek



DECLARATION OF PERFORMANCE
No. 6/18/MWSS

Page 1

Edition 3

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

PWW - S 160

Wall sandwich panel with a mineral wool insulating core marked PWW – S 160 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,25 W/(m ² K)	Thermal transmittance U _e	0,25 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 120
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	40 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,20 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 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:

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, 15.07.2019

On behalf of the manufacturer:

mgr inż. Jerzy Skowronek
(full name)



DECLARATION OF PERFORMANCE
No. 7/18/MWSS

Page 1

Edition 3

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

PWW - S 180

Wall sandwich panel with a mineral wool insulating core marked PWW – S 180 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,22 W/(m ² K)	Thermal transmittance U _e	0,22 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 120
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	40 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,20 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 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:

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, 15.07.2019

PREZES ZARZĄDU
On behalf of the manufacturer:

mgr inż. Jerzy Skowronek

(full name)



DECLARATION OF PERFORMANCE
No. 8/18/MWSS

Page 1

Edition 3

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

PWW - S 200

Wall sandwich panel with a mineral wool insulating core marked PWW – S 200 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,20 W/(m ² K)	Thermal transmittance U _e	0,20 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 120
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	40 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,20 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 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:

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Chorzów, 15.07.2019

On behalf of the manufacturer:

mgr inż. Jerzy Skowronek
(full name)



DECLARATION OF PERFORMANCE
No. 9/18/MWSS

Page 1

Edition 3

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

PWW - S 225

Wall sandwich panel with a mineral wool insulating core marked PWW – S 225 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 RC 3 anti-corrosive rating for atmospheres with low SO₂ contents.

7. Declared performance

PWW - S 225			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,18 W/(m ² K)	Thermal transmittance U _c	0,18 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 120
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	40 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,20 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 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:

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Chorzów, 15.07.2019

PREZES ZARZĄDU
On behalf of the manufacturer:
mgr inż. Jerzy Skowronek
(full name)



DECLARATION OF PERFORMANCE
No. 10/18/MWSS

Page 1

Edition 3

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

PWW - S 250

Wall sandwich panel with a mineral wool insulating core marked PWW – S 250 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			
Thermal conductivity λ_D	0,041 W/m K	Apparent density	100 kg/m ³ +15/-10%
Thermal transmittance U	0,16 W/(m ² K)	Thermal transmittance U_c	0,16 W/(m ² K)
Tensile strength	90 kPa	Reaction to fire	A2-s1,d0
Tensile E-modulus	5,50 MPa	Fire resistance classification of the walls	EI 120
Compressive strength	100 kPa	Water permeability	B
Compressive E-modulus	4,40 MPa	Air permeability	≤1,5 m ³ /h/m ²
Shear strength	40 kPa	Water vapour permeability	impermeable
Shear E-modulus	2,20 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 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:

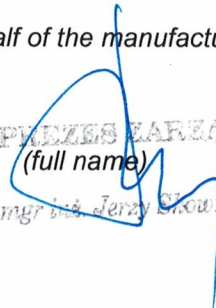
We hereby declare that the performance of the aforementioned product does not change during use.

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, 15.07.2019

On behalf of the manufacturer:


PRZEMYSŁAW KARADZI
(full name)
mgr inż. Jerzy Skowronek