

Declaration of performance nr 21/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 60**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 60, modular width 1050 [mm], optional 1000 [mm] and thickness 60 [mm].

2. Application of the product:

Self-supporting, double metal faced insulating sandwich panels, intended to be fixed to supporting structure, for 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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 60 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,74 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 22/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 80**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 80, modular width 1050 [mm], optional 1000 [mm] and thickness 80 [mm].

2. Application of the product:

Self-supporting, double metal faced insulating sandwich panels, intended to be fixed to supporting structure, for 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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 80 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,51 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZIS ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 23/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 100**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 100, modular width 1050 [mm], optional 1000 [mm] and thickness 100 [mm].

2. Application of the product:

Self-supporting, double metal faced insulating sandwich panels, intended to be fixed to supporting structure, for 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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 100 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,41 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 24/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 120**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 120, modular width 1050 [mm], optional 1000 [mm] and thickness 120 [mm].

2. Application of the product:

Self-supporting, double metal faced insulating sandwich panels, intended to be fixed to supporting structure, for 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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 120 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,34 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout NPD |
| Tensile E-modulus | 5,50 MPa | | Vertical layout 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 25/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 140**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 140, modular width 1050 [mm], optional 1000 [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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 140 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,29 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 47/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 150**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 150, modular width 1050 [mm], optional 1000 [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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 150 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_C | 0,27 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 26/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 160**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 160, modular width 1050 [mm], optional 1000 [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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 160 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,25 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout NPD |
| Tensile E-modulus | 5,50 MPa | | Vertical layout 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 27/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 180**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 180, modular width 1050 [mm], optional 1000 [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. Michałkowicka 24.

4. Evaluation and verification system of product performances:

Conformity valuation system 3.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 180 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,23 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout |
| Tensile E-modulus | 5,50 MPa | | Vertical layout |
| 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)

Declaration of performance nr 28/MWSU

1. Identification code of the product type / Trademark: **PWW-SU 200**

Sandwich panel type „wall panel with hidden joint” with mineral wool core, marked with the symbol PWW-SU 200, modular width 1050 [mm], optional 1000 [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.

5. Harmonized norm / Notified bodies:

Harmonized norm: PN-EN 14509:2013-12.

Notified bodies responsible for product type tests: Building Research Institute in Warsaw – No. 1488, and the FIRES Laboratory in Batizovce, notification no. 1396

6. Declared values of steel facings:

Facing thicknesses: 0.4; 0.5; 0.6 mm;

R- minimum yield strength of steel faces 220 MPa;

Corrosion protection system with two protective coatings: metallic and organic.

7. Declared values:

| PWW-SU 200 | | | |
|--|---------------------------|-------------------------------------|---------------------------------------|
| Thermal conductivity λ_D | 0,041 W/m K | Apparent core density | 100 kg/m ³ +15/-10 % |
| Thermal transmittance U_c | 0,20 W/(m ² K) | Fire reaction class | A2-s1,d0 |
| Tensile strength | 90 kPa | Wall fire resistance class | Horizontal layout NPD |
| Tensile E-modulus | 5,50 MPa | | Vertical layout 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 | Acoustic insulation $R_w(C,C_{tr})$ | 31 (-1;-3) dB |
| Durability, long term mechanical properties - all colours meet the requirements | | | |
| The product conforms to PN-EN 14509, including: dimensional tolerances comply with Appendix D. The characteristic values for mechanical properties were obtained by applying a rule of combining products, and were included in Appendix 1. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with 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 of the European Parliament under the sole responsibility of the producer identified above.

Chorzów, 13.04.2023

PREZES ZARZĄDU

mgr inż. Jerzy Skowronek

Signed on behalf of the producer:
(full name)