

## Declaration of performance no. 14/22/epsd

### 1. Identification code of the product type / Trademark: PWS-D 80

"Roofing" sandwich panel with a EPS insulating core marked PWS-D 80 of 1050 [mm] in width of coverage and 80 [mm] in nominal thickness.

### 2. Application of the product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to supporting structure to execute building partitions - roofs and roofing

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, Research Laboratory Complex in Warsaw, notification no. 1488.

### 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:

PWS-D 80			
Apparent core density	12,5 kg/m <sup>3</sup> +/-10%	Thermal conductivity $\lambda_D$	0,040 W/m K
Tensile strength	90 kPa	Thermal transmittance $U_c$	0,45 W/(m <sup>2</sup> K)
Tensile E-modulus	2,2 MPa	Fire reaction class	NPD
Compressive strength	55 kPa	External fire exposure of roof	B <sub>roof</sub>
Compressive E-modulus	1,9 MPa	Roof fire resistance class	NPD
Shear strength	50 kPa	Water permeability	B
Shear E-modulus	2,04 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Wrinkling stress for time t = 2000 h	1,0 [-]	Water vapour permeability	impermeable
Wrinkling stress for time t = 10 000 h	3,0 [-]	Acoustic insulation $R_w(C,C_{tr})$	NPD
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 2. 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, 26.10.2022

WICEPREZES ZARZĄDU

mgr inż. Marek Romański

Signed on behalf of the producer:  
( full name )

## Declaration of performance no. 15/22/epsd

### 1. Identification code of the product type / Trademark: PWS-D 100

"Roofing" sandwich panel with a EPS insulating core marked PWS-D 100 of 1050 [mm] in width of coverage and 100 [mm] in nominal thickness.

### 2. Application of the product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to supporting structure to execute building partitions - roofs and roofing.

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, Research Laboratory Complex in Warsaw, notification no. 1488.

### 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:

PWS-D 100			
Apparent core density	12,5 kg/m <sup>3</sup> +/-10%	Thermal conductivity $\lambda_D$	0,040 W/m K
Tensile strength	90 kPa	Thermal transmittance $U_c$	0,37 W/(m <sup>2</sup> K)
Tensile E-modulus	2,2 MPa	Fire reaction class	NPD
Compressive strength	55 kPa	External fire exposure of roof	B <sub>roof</sub>
Compressive E-modulus	1,9 MPa	Roof fire resistance class	NPD
Shear strength	50 kPa	Water permeability	B
Shear E-modulus	2,04 MPa	Air permeability	$\leq 1,5$ m <sup>3</sup> /h/m <sup>2</sup>
Wrinkling stress for time t = 2000 h	1,0 [-]	Water vapour permeability	impermeable
Wrinkling stress for time t = 10 000 h	3,0 [-]	Acoustic insulation $R_w(C,C_{tr})$	NPD
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 2. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with Regulation (EC) No. 1907/2006.			

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Signed on behalf of the producer:  
( full name )



## Declaration of performance no. 16/22/epsd

### 1. Identification code of the product type / Trademark: PWS-D 120

"Roofing" sandwich panel with a EPS insulating core marked PWS-D 120 of 1050 [mm] in width of coverage and 120 [mm] in nominal thickness.

### 2. Application of the product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to supporting structure to execute building partitions - roofs and roofing.

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, Research Laboratory Complex in Warsaw, notification no. 1488.

### 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:

PWS-D 120			
Apparent core density	12,5 kg/m <sup>3</sup> +/-10%	Thermal conductivity $\lambda_D$	0,040 W/m K
Tensile strength	90 kPa	Thermal transmittance $U_c$	0,31 W/(m <sup>2</sup> K)
Tensile E-modulus	2,2 MPa	Fire reaction class	NPD
Compressive strength	55 kPa	External fire exposure of roof	B <sub>roof</sub>
Compressive E-modulus	1,9 MPa	Roof fire resistance class	NPD
Shear strength	50 kPa	Water permeability	B
Shear E-modulus	2,04 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Wrinkling stress for time t = 2000 h	1,0 [-]	Water vapour permeability	impermeable
Wrinkling stress for time t = 10 000 h	3,0 [-]	Acoustic insulation $R_w(C,C_{tr})$	NPD
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 2. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with Regulation (EC) No. 1907/2006.			

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Signed on behalf of the producer:  
( full name )

## Declaration of performance no. 18/22/epsd

### 1. Identification code of the product type / Trademark: PWS-D 150

"Roofing" sandwich panel with a EPS insulating core marked PWS-D 150 of 1050 [mm] in width of coverage and 150 [mm] in nominal thickness.

### 2. Application of the product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to supporting structure to execute building partitions - roofs and roofing.

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, Research Laboratory Complex in Warsaw, notification no. 1488.

### 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:

PWS-D 150			
Apparent core density	12,5 kg/m <sup>3</sup> +/-10%	Thermal conductivity $\lambda_D$	0,040 W/m K
Tensile strength	90 kPa	Thermal transmittance $U_c$	0,25 W/(m <sup>2</sup> K)
Tensile E-modulus	2,2 MPa	Fire reaction class	NPD
Compressive strength	55 kPa	External fire exposure of roof	B <sub>roof</sub>
Compressive E-modulus	1,9 MPa	Roof fire resistance class	NPD
Shear strength	50 kPa	Water permeability	B
Shear E-modulus	2,04 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Wrinkling stress for time t = 2000 h	1,0 [-]	Water vapour permeability	impermeable
Wrinkling stress for time t = 10 000 h	3,0 [-]	Acoustic insulation $R_w(C,C_{tr})$	NPD
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 2. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with Regulation (EC) No. 1907/2006.			

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Signed on behalf of the producer:  
( full name )



## Declaration of performance no. 21/22/epsd

### 1. Identification code of the product type / Trademark: PWS-D 200

"Roofing" sandwich panel with a EPS insulating core marked PWS-D 200 of 1050 [mm] in width of coverage and 200 [mm] in nominal thickness.

### 2. Application of the product:

Self-supporting, insulating sandwich panels with double steel facing, intended to be fixed to supporting structure to execute building partitions - roofs and roofing.

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, Research Laboratory Complex in Warsaw, notification no. 1488.

### 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:

PWS-D 200			
Apparent core density	12,5 kg/m <sup>3</sup> +/-10%	Thermal conductivity $\lambda_D$	0,040 W/m K
Tensile strength	90 kPa	Thermal transmittance $U_c$	0,19 W/(m <sup>2</sup> K)
Tensile E-modulus	2,2 MPa	Fire reaction class	NPD
Compressive strength	55 kPa	External fire exposure of roof	B <sub>roof</sub>
Compressive E-modulus	1,9 MPa	Roof fire resistance class	NPD
Shear strength	50 kPa	Water permeability	B
Shear E-modulus	2,04 MPa	Air permeability	≤1,5 m <sup>3</sup> /h/m <sup>2</sup>
Wrinkling stress for time t = 2000 h	1,0 [-]	Water vapour permeability	impermeable
Wrinkling stress for time t = 10 000 h	3,0 [-]	Acoustic insulation $R_w(C,C_{tr})$	NPD
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 2. When in use sandwich panels pose no risk to hygiene, health or safety of humans. They comply with Regulation (EC) No. 1907/2006.			

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