

DECLARATION OF PERFORMANCE Nr. BP-21-10/004/MW/EN

1. Unique identification code of the product-type:

Self-supporting double skin metal faced insulating panels with mineral wool (MW) core and standard joint. Types:

MW 50NF	1000-1200WP
MW 80NF	1000-1200WP
MW 100NF	1000-1200WP
MW 120NF	1000-1200WP
MW 140NF	1000-1200WP
MW 150NF	1000-1200WP
MW 160NF	1000-1200WP
MW 200NF	1000-1200WP
MW 230NF	1000-1200WP

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the Construction Products Regulation (CPR):

See product label

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Thermal insulation products for the construction of buildings. Suitable for external and internal walls.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of the CPR:

UAB „Baltijos polistirenas“, S. Lozoraičio g. 15A, Garliava, Kauno raj., Lithuania, LT-53229, Tel.: +370 37 551 518. Production department: J. Basanavičiaus g. 122, Utena, Lithuania, LT-28214.

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) of the CPR:

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

Reaction to fire and fire resistance characteristics are declared under System 3.

Other mechanical parameters are declared under System 4.

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Factory process control (FPC) is performed according to European standard EN 14509:2014 “Self-supporting double skin metal faced insulating panels - Factory made products – Specifications” requirements.

Reaction to fire and fire resistance tests are performed by Fires s.r.o, Batizovce, Slovak Republic, notified body No. 1396.

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in **Annex No. 1**. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by
Mantas Sakalauskas, Head of Quality
Kaunas 2021 10 28



Annex No. 1. Declared performance:

Panels type	MW core Standard joint		Harmonized technical specification (HTS)							
Application	External and internal walls									
Core density, kg/m ³	115 ± 10%									
External metal sheet	Thickness: 0.50; 0.60; 0.70 mm Steel: S280GD+Z225; S280GD+Z275; S280GD+Z190 Coating: PE; PVDF; PUR; Food safe Profiling: Linear; micro; flat									EN 14509:2014
Internal metal sheet	Thickness: 0.47; 0.50; 0.60 mm Steel: S280GD+Z225; S280GD+Z275; S280GD+Z190 Coating: PE; PVDF; PUR; Food safe Profiling: Linear; flat									
Thermal conductivity λ_D , W/(m·K)	≤ 0.040									
Reaction to fire	A2-s1, d0									
Panel thickness, mm	50	80	100	120	140	150	160	200	230	HTS
Thermal transmittance, $U_{d,s}$	0.80	0.50	0.40	0.33	0.29	0.27	0.25	0.20	0.17	
Fire resistance	NPD	NPD	E160* (walls) NPD (ceilings)			E1120* (walls)/NPD (ceilings)				
Airborne sound insulation $R_w(C;C_{tr})$	NPD	NPD	32 (-1; -2)							
Shear modulus (core), MPa	2.90	2.90	2.50	2.50	2.50	2.20	2.20	2.20	2.20	
Shear strength, MPa	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Compressive strength (core), MPa	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
Tensile strength, MPa	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Water permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Air permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Water vapour permeability	Impermeable									
Dimension control	According to D.2.1-D.2.11 EN 14509:2013 standard									
Durability	Pass – all colours									

EN 14509:2014

* More detailed information in fire test reports.