

**NATIONAL DECLARATION OF PERFORMANCE
nr 01/2026**

1. Name and trade of the construction product:

Set of decking boards and complementary elements of the Gamrat system

2. Construction product type designation:

Decking board 140x25 mm, decking board 160x25 mm, decking board 185x20mm, solid decking board 160x20 mm, mounting profile (joist) 50x30 mm, finishing strip flat 60x6 mm, finishing strip L shape 60x35 mm, aluminium finishing strip L 30x30 mm i 35x35 mm, mounting clips with screws, other elementary elements.

3. Intendent use or uses:

The set of decking boards and complementary elements of the Gamrat system is designated for outdoor flooring (terraces, verandas, balconies, platforms, paving around outdoor pools, etc.)

4. Name and address of the manufacturer's headquarters and place of manufacture of the product:

**Gamrat WPC Sp. z o.o.
ul. Mickiewicza 108
38-200 Jasło**

5. Name and registered address of the authorized representative:

nie dotyczy

6. National system used to assess and verify constancy of performance:

SYSTEM-4

7. National Technical Specification:

7a. Polish Product Standard:

PN-EN 15534

Name of accredited certification body, accreditation numer and national certificate number or name of accredited laboratory(s) and accreditation number:

not applicable

7b. National Technical Assessment:

ITB-KOT-2018/0509 Revision 3

Technical Assessment Body/National Assessment Body:

Building Reserch Institute, ul. Filtrowa 1, 00-611 Warsaw

Name of accredited certification body, accreditation numer and certificate number:

not applicable

8. Declared performance characteristics:

Essential characteristics of the construction product for the intended use or uses	Declared performance characteristics	Notes
Dimensional deviations of decking boards and joists, mm:		
- lengths	(-0 / +10)	
- widths	± 1,0	
- overall thickness	± 1,0	
- top wall thickness	± 0,5	
- bottom wall thickness	± 0,5	
Straightness of the edges, mm/m	≤ 0,7	
Transverse curvature, mm	≤ 0,7	
Resistance of the boards to impact with hard body, on top and bottom surfaces, at energy 7 J, at temp. +23°C and -20°C	No cracks at a length of ≥ 10 mm and dents at a depth of ≥ 0,5 mm	
Properties of the boards in bending (clear support spacing 500 mm – for 140x25 mm and 160x25 mm boards; clear support spacing 400 mm – for 160x20 mm and 185x20 mm boards):		
- destructive force, N	average value ≥ 3300 single value ≥ 3000	
- deflection at 500N, mm	average value ≤ 2,0 single value ≤ 2,5	
- wytrzymałość na zginanie, MPa	≥ 33	
- bending modulus of elasticity, MPa:		
• board with a cross-section 140x25 mm	≥ 4600	
• board with a cross-section 160x25 mm	≥ 4600	
• board with a cross-section 185x20 mm	≥ 5000	
• board with a cross-section 160x20 mm	≥ 3700	
Resistance of boards to humid conditions, determined by the decrease in bending strength after humidity cycles, %	average value ≤ 20 single value ≤ 30	
Swelling after 28 days of immersion in water at temp. (+20 ± 2)°C, %:		
- in the length direction	average value ≤ 0,4 single value ≤ 0,6	
- in the width direction	average value ≤ 0,8 single value ≤ 1,2	
- in the direction of thickness	average value ≤ 4,0 single value ≤ 5,0	
Water absorption after 28 days in water at temp. (+20 ± 2)°C, %	average value ≤ 6,0 single value ≤ 6,0	
Coefficient of linear thermal expansion of boards, in the temperature range (-20 ÷ +80)°C, K ⁻¹	≤ 3 · 10 ⁻⁵	
Resistance to accelerated aging after 300 hours of irradiation, determined by color difference:		
- dark brown board	ΔE _{ab} * ≤ 3	
- graphite board	ΔE _{ab} * ≤ 8	
- light brown board	ΔE _{ab} * ≤ 6	
- grey board	ΔE _{ab} * ≤ 11	
- walnut board	ΔE _{ab} * ≤ 4	
Slip resistance of the floor, for dry and wet Surface, PTV:	≥ 55	
The ability of the connectors to hold (the pull-through capacity of the connectors), determined by, - the breaking force, N	≥ 500	
- tensile strength, MPa	≥ 30	
The ability of the connectors to hold (the pull-through capacity of the connectors), determined by, - the breaking force, N	≥ 1900	(layout: joist - mounting clip - steel screw)
- - tensile strength, MPa,	≥ 120	
The ability of the connectors to hold (the pull-through capacity of the connectors), determined by, - the breaking force, N	≥ 400	
- tensile strength, MPa	≥ 30	
Floor resistance to dynamic loads, Nm	≥ 500	
Durability of the aluminum joist and aluminum finishing strips, determined by the environmental corrosivity category	C1, C2 i C3	
Classification of roof resistance to external fire	B _{ROOF} (t1) ¹⁾	

1) the classification applies to floors mounted on roofs, as described in point 2 of ITB-KOT-2018/0509 edition 3

9. The performance of the product specified above is in accordance with all the declared performance characteristics listed in Selection 8. This declaration of performance is issued in accordance with the Act of April 16, 2004 on Construction Products, under the sole responsibility of the manufacturer.

Signed for the manufacturer:

Marek Sepioł – President of the Management Board of Gamrat WPC

Jasło, 16.01.2026