

NATIONAL DECLARATION OF PERFORMANCE
nr 03/2024

1. Name and trade of the construction product:

Decking board 140x25 mm, decking board 160x25 mm, decking board 185x20mm, solid decking board 160x20mm, mounting profile (joist) 50x30 mm, mounting profile (joist) aluminium 24X36,4 mm and 38x51 mm with complementary elements

2. Construction product type designation:

Set of decking boards and complementary elements of the Gamrat system

3. Intended use or uses:

The set of decking boards and complementary elements of the Gamrat system is designed 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:

not applicable

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 number 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 Research Institute, ul. Filtrowa 1, 00-611 Warsaw

Name of accredited certification body, accreditation number 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 - widths - overall thickness	(-0 / +10) ± 1,0 ± 1,0	
Straightness of the edges, mm/m	≤ 0,7	
transverse curvature, mm	≤ 0,7	
Resistance of the boards to impact with a hard body, on top and bottom surfaces, at energy of 7 J, at temp. +23°C i -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 450 mm – for 140x25 mm and 160x25 mm boards; clear support spacing 400 mm – for 185x20 mm and 160x20 mm boards): - destructive force, N - deflection at 500N load, mm	average value ≥ 3300 single value ≥ 3000 average value ≤ 2,0 single value ≤ 2,5	
Swelling after 28 days of immersion in water at temp. (+20±2) °C, % - in the length direction - in the width direction - In the direction of thickness	average value ≤ 0,4 single value ≤ 0,6 average value ≤ 0,8 single value ≤ 1,2 average value ≤ 4,0 single value ≤ 5,0	
Water absorption after 28 days in water at temp. (+20±2) °C, %	Water absorption after 28 days in water at temp. (+20±2) °C, %	
Coefficient of linear thermal expansion of boards, in the temperature range (-20 ÷ +80)°C, K-1	≤ 3 · 10-5	
Slip resistance of the floor, for dry and wet surface, PTV:	≥ 55	
Floor resistance to dynamic loads, Nm	≥ 500	
Classification in terms of reaction to fire: - floor made of 140x25 mm and 160x25 mm boards - floor made of 185x20 mm and 160x20 mm boards	B _{fl-s1} , B _{roof} (t ₁) B _{roof} (t ₁)	PN-EN 13501-1+A1:2010

9. The performance of the product specified above is in accordance with all the declared performance characteristics listed in Section 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, 04.04.2024

Prezes Zarządu

 Marek Sepioł