


DECLARATION OF PERFORMANCE No WN-4/25

1. Unique identification code of the product-type: **WN-4**
2. Intended use/es: **Screws for use in timber constructions**
3. Manufacturer: **Wkręt-met sp z o.o.
Kuźnica Kiedrzyńska
ul. Wincentego Witosa 170/176; 42-233 Mykanów**
4. Authorised representative: **not applicable**
5. System/s of AVCP: **system 3**
6. Harmonised standard: **EN 14592:2008+A1:2012**
Notified body/ies: **1015**
7. Declared performance/s:

| Essential characteristic | | | Performance/s | |
|--|----------------------|----------------------|---|---|
|  | | | Density of wood ρ_k [kg/m ³] | WN-4 |
| Characteristic yield moment | $M_{y,k}$ | [Nmm] | - | 2 210 |
| Characteristic withdrawal parameter | $f_{ax,k} \perp$ | [N/mm ²] | 350 | 16,29 |
| Characteristic withdrawal parameter | $f_{ax,k} \parallel$ | [N/mm ²] | 350 | 13,77 |
| Characteristic head pull-through parameter | $f_{head,k}$ | [N/mm ²] | 350 | 20,75 |
| Characteristic tensile capacity | $f_{tens,k}$ | [kN] | - | 4,33 |
| Characteristic torsional ratio | | | 450 | 2,44 |
| Durability against corrosion | | | | Stainless steel A2L-70 class 3 according to EN 1995-1-1 |

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **not applicable**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Kuźnica Kiedrzyńska
08-01-2025

[place]
[date of issue]

Kierownik działu technicznego

Adam Szczepanowski

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[name]

[signature]