

DECLARATION OF PERFORMANCE

No 01/USXG/CPR/2025

1. Unique identification code of the product-type: **Wood screws type USXG**
2. Intended use: **For structural timber products**
3. Manufacturer: **Marcopol Sp. z o.o. Producent Śrub, Oliwska street no 100, 80-209 Chwaszczyno**
4. System/s of AVCP: **System 3**
5. Harmonised standard: **EN 14592:2008 + A1:2012**,
Notified body: **Strojirenský zkušební ústav, s.p. Brno, Czech Republic, no 1015**
6. Declared performances:

| | Performance properties | | |
|--|-----------------------------|--------------------|--------------------|
| | 3.5 | 4.0 | 5.0 |
| Characteristics yield moment $M_{y,k}$ [Nmm] | 1 688 | 2 200/1 393 | 4 297/3 646 |
| Characteristics withdraw parameter $f_{ax,k}$ [N/mm ²] – timber density 350 kg/m ³ perpendicular/ parallel to the grain | 20,22/12,35 | 19,70/17,29 | 16,93/14,85 |
| Characteristics head pull-through $f_{head,k}$ [N/mm ²] – timber density 350 kg/m ³ | 23,01 | 25,05 | 21,28 |
| Characteristics tensile capacity $f_{tens,k}$ [kN] | 2,27 | 3,37 | 4,93 |
| Characteristics torsional ratio $f_{tor,k}$ [N/mm ²] - timber density 450 kg/m ³ | 1,52 | 1,5 | 1,72 |
| Durability | C1 (utility class 3) | | |

7. 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:

Piotr Kosiński

Koordinator ds. Aprobát Technických

Piotr Kosiński
Piotr Kosiński

.....
at Chwaszczyno, on 20.08.2025