

DECLARATION OF PERFORMANCE

No 01/H6K/CPR/2025

1. Unique identification code of the product-type: **Wood construction screws HUS**
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:

Essential characteristics	Performance properties			
	6.0	8.0	10.0	12.0
Characteristics yield moment $M_{y,k}$ [Nmm]	8 431	28 823	39 658	91 517
Characteristics withdraw parameter $f_{ax,k}$ [N/mm ²] – timber density 440-480 kg/m ³ perpendicular/ parallel to the grain	21,46/17,03	18,65/15,74	16,65/8,96	15,13/9,66
Characteristics head pull-through $f_{head,k}$ [N/mm ²] – timber density 420-450 kg/m ³	20,24	28,47	21,86	19,94
Characteristics tensile capacity $f_{tens,k}$ [kN]	7,41	21,42	26,90	38,23
Characteristics torsional ratio $f_{tor,k}$ timber density 450 kg/m ³	1,52	2,99	1,25	2,43
Durability	Zinc coat $\geq 5 \mu\text{m}$ (utility class 1)			

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:

Koordinator ds. Aprobát Technických

Piotr Kosiński
Piotr Kosiński

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at Chwaszczyno, on 05.08.2025