

DECLARATION OF PERFORMANCE

No 01/HUS/CPR/2024

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			
	5.0	6.0	8.0	10.0
Characteristics yield moment: section thread/smooth/ ° $M_{y,k}$ [Nmm]	5 987/8 789/14° 6 433/9007/24°	6 659/13 916/12° 9 918/14 464/22°	20 451/25 463/10° 26 940/49 643/20°	35 572/45 442/9° 53 942/71 041/19°
Characteristics withdraw parameter $f_{ax,k}$ [N/mm ²] – timber density 350 kg/m ³ perpendicular/ parallel to the grain	16,33/12,82	16,22/12,49	14,88/10,24	14,16/10,24
Characteristics head pull-through $f_{head,k}$ [N/mm ²] – timber density 350 kg/m ³ / timber density 400 kg/m ³	23,09/25,58	21,12/24,30	24,34/20,10	20,46/19,61
Characteristics tensile capacity $f_{tens,k}$ [kN]	8,66	12,79	23,29	31,48
Characteristics torsional ratio $f_{tor,k}$ [N/mm ²] - timber density 350 kg/m ³ timber density 450 kg/m ³	2,22/2,15	2,24/3,0	3,51/3,90	4,05/2,99
Durability	Zinc coat ≥ 5 µm (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:

Piotr Kosiński


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at Chwaszczyno, on 22.04.2024
(version update from May 7, 2020)