

DECLARATION OF PERFORMANCE

No 01/UHS/CPR/2025

1. Unique identification code of the product-type: **Wood construction screws UHS**
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, notified body no 1015**
6. Declared performances:

Essential characteristics	Performance properties			
	4.0	4.5	5.0	6.0
Characteristics yield moment/ ^o $M_{y,k}$ [Nmm]	2 573/17 ^o 2 677/27 ^o	3 440/15 ^o 3 472/25 ^o	3 984/14 ^o 4 463/24 ^o	8 431/12 ^o 9 192/22 ^o
Characteristics withdraw parameter $f_{ax,k}$ [N/mm ²] – timber density 350 kg/m ³ perpendicular/ parallel to the grain	17,05/13,32	16,18/12,72	15,98/12,53	15,10/11,26
Characteristics head pull-through $f_{head,k}$ [N/mm ²] – timber density 400 kg/m ³	26,86	25,25	24,56	21,66
Characteristics tensile capacity $f_{tens,k}$ [kN]	4,35	6,29	7,27	11,58
Characteristics torsional ratio $f_{tor,k}$ - [N/mm ²] timber density 350 kg/m ³	2,20	2,40	2,50	2,86
Durability	Powłoka cynkowa $\geq 5 \mu\text{m}$			
	Service class 1	Service class 1 and 2		

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 Koziański

Piotr Koziański

at Chwaszczyno, on 07.04.2025