

DECLARATION OF PERFORMANCE

No 01/GW/14592/2025

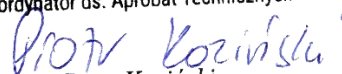
1. Unique identification code of the product-type: **Construction nails type GW**
2. Intended use: **For structural timber products**
3. Manufacturer: **Marcopol Sp. z o.o. Producent Śrub, Oliwska street no 100, 80-209 Chwaszczyno**
4. System/s of AVCP: **System 3**
5. Harmonised standard: **EN 14592:2008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

Essential Characteristics	Performance properties					
	4.2	4.6	5.0	6.0	7.0	8.0
Characteristics yield moment $M_{y,k}$ [Nmm]	11 799	13 935	18 869	27 644	51 484	58 532
Characteristics withdraw parameter $f_{ax,k}$ [N/mm ²] – timber density 350 kg/m ³ perpendicular/ parallel to the grain	2.97/2.16	2.77/1.96	3.26/1.97	3.21/2.09	3.09/2.03	3.20/2.19
Characteristics head pull- through $f_{head,k}$ [N/mm ²] – timber density 350 kg/m ³	22.53	25.45	26.89	20.85	21.45	20.06
Characteristics tensile capacity $f_{tens,k}$ [kN]	9.07	6.99	11.77	13.24	25.94	19.92
Reaction to fire	A1					
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:

Koordinator ds. Aprobát Technických


Piotr Kozinski

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at Chwaszczyno, on 19.08.2025