



DECLARATION of PERFORMANCE No. 4/2020

1. Unique identification code of the product-type: **Screws for structural timber**
2. Type, batch or serial number or any other element allowing identification of the construction product: **UCT**
3. Intended use of the construction product, in accordance with the applicable harmonised technical specification:

For wood or structural timber

4. Name and address of the manufacturer:

Mag-Krak sp. z o.o., ul. K. Łowińskiego 7, 31-752 Kraków

5. Name and address of the authorised representative:

Not applicable

6. System of assessment and verification of constancy of performance: **3**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**LZK Construction Elements, Geotechnics and Concrete Laboratory, ITB, notified body 1488,
performed initial type testing and issued Report no. LZK02-06090/20/R11NZK**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance:

Essential characteristics	Performance						Harmonised technical specification
	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	
Characteristic yield moment $M_{y,k}$ [Nmm]	3753	5232	7275	9545	15415	31929	PN-EN 14592+A1:2012
Characteristic withdrawal parameter (for wood of density $\rho_k \geq 370 \text{ kg/m}^3$) $f_{ax,k}$ [N/mm ²]	9,88	18,98	19,64	21,38	12,56	8,76	PN-EN 14592+A1:2012



Characteristic withdrawal parameter (for wood of density $\rho_k \geq 350 \text{ kg/m}^3$) $f_{ax,k}$ [N/mm ²]	5,93	11,39	11,78	12,83	7,54	5,27	PN-EN 14592+A1:2012
Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²] (for wood of density $\rho_k \geq 350 \text{ kg/m}^3$)	22,06	30,80	27,76	26,40	21,94	27,94	PN-EN 14592+A1:2012
Characteristic tensile capacity $f_{tens,k}$ [kN]	4,67	4,90	5,03	5,72	10,81	20,48	PN-EN 14592+A1:2012

10. The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Plenipotentiary of FPC

Pełnomocnik ds. ZKP

Kraków, 19.05.2020

Marek Zdybicki



MAG-KRAK Sp. z o.o.
(dawniej: Mag-Krak A. i R. Pluta sp. j.)
31-752 Kraków, ul. K. Łowińskiego 7
tel./fax: 12 / 643 51 19, 642 03 75
www.mag-krak.pl KRS 0000709438
NIP: 6780034235 REGON: 350638697