

DECLARATION OF PERFORMANCE

Nr DoP-EN14592-R-PTX

1. Unique identification code of the product type: **R-PTX**
2. Intended use: **Screws for use in timber constructions.**
3. Producer: **RAWLPLUG S.A., ul. Kwidzyńska 6, 51-416 Wrocław, Polska**
4. System(s) of assessment and verification of constancy of performance: **System 3**
5. Harmonized standard **PN-EN 14592 + A1:2012; 2012-04-09**

Notified body or bodies: **AB 023 ITB**

Raport number: **LZK-02328/20/R139NZK/B, LZK00-02328/21/R147NZK/B, LZK01-02328/21/R148NZK**

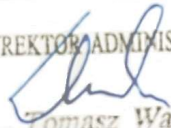
6. Declared performance characteristics:

Essential	Performance					
	R-PTX 3,0	R-PTX 3,5	R-PTX 4,0	R-PTX 4,5	R-PTX 5,0	R-PTX 6,0
Characteristic plasticizing torque (for threaded part) $M_{y,k}$ [Nmm]	2498	3725	5266	7190	9296	15213
Characteristic perpendicular pull-out resistance $f_{ax,k}$ [N/mm ²]	17,9	18,59	23,57	20,99	24,31	21,55
Characteristic parallel pull-out resistance $f_{ax,k}$ [N/mm ²]	11,82	13,32	20,11	15,78	17,9	17,65
Characteristic resistance to head overdrawing $f_{head,k}$ [N/mm ²]	28,15	26,01	31,21	27,41	27,22	21,18
Characteristic tensile strength $f_{tens,k}$ [kN]	3,84	4,67	5,61	6,6	8,13	8,58
Characteristic torsional strength $f_{tor,k}$ [Nm]	1,56	1,63	1,84	1,64	1,98	1,78

Essential	Performance					
Characteristic torque ratio (ratio of characteristic torque to characteristic resistance) $f_{tor,k} / R_{tor,k}$	1,56	1,64	1,84	1,64	1,98	1,78
Corrosion protection	galvanized , class 2, according to EN 1995-1-1					

The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Tomasz Walczak
Wrocław, 2021-09-06

DYREKTOR ADMINISTRACYJNY

 Tomasz Walczak

