

DECLARATION OF PERFORMANCE

Nr DoP-EN14592-TS

1. Unique identification code of the product type: **TS**
2. Intended use: Wood construction products. **Fasteners for structural wood products (wood screws).**
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 **EN 14566+A1:2012;**
6. Notified entity: **AB023**

Report number: **LZKO3-02328/13/R38OSK**

7. Declared performance characteristics:

| Basic characteristics | TS construction screws | | | | |
|---|-------------------------------|----------------|--------------|--------------|--------------|
| | TS ø3 | TS ø3,5 | TS ø4 | TS ø5 | TS ø6 |
| Characteristic plasticizing torque $M_{y,k}$ [Nmm] | 2192 | 3273 | 4632 | 8274 | 13291 |
| Characteristic perpendicular pull-out resistance $f_{ax,k}$ [N/mm²] | 17,00 | 21,21 | 19,56 | 17,85 | 26,18 |
| Characteristic parallel pull-out resistance $f_{ax,k}$ [N/mm²] | 9,48 | 11,49 | 9,97 | 9,90 | 14,92 |
| Characteristic resistance to head overdrawn $f_{head,k}$ [N/mm²] | 26,10 | 30,95 | 26,15 | 25,13 | 27,13 |
| Characteristic tensile strength $f_{tens,k}$ [kN] | 3,79 | 4,76 | 5,81 | 8,69 | 12,61 |
| Characteristic torsional strength $f_{tor,k}$ [Nm] | 2,20 | 2,91 | 3,67 | 6,79 | 12,92 |
| Characteristic torque ratio (ratio of characteristic torque to characteristic resistance) $f_{tor,k} / R_{tor,k}$ | 5,95 | 5,02 | 2,96 | 1,96 | 7,98 |

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.

Sławomir Jagła
Wrocław, 2019-05-22

PEŁNOMOCNIK SYSTEMU
ZARZĄDZANIA JAKOŚCIĄ
Jagła
mgr Sławomir Jagła

