

DECLARATION OF PERFORMANCE

Nr DoP-EN14592-R-CS

1. Unique identification code of the product type: **R-CS**
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**
Raport number: **LZK03-02328/16/R83NZK**
6. Declared performance characteristics:

Essential characteristic	Performance
Characteristic plasticizing torque (for threaded part) M_y, k [Nmm]	28080
Characteristic perpendicular pull-out resistance $f_{ax, k}$ [N/mm ²]	16,82
Characteristic parallel pull-out resistance $f_{ax, k}$ [N/mm ²]	9,90
Characteristic resistance to head overdrawing $f_{head, k}$ [N/mm ²]	23,65
Characteristic tensile strength $f_{tens, k}$ [kN]	17,49
Characteristic torsional strength $f_{tor, k}$ [Nm]	29,94
Characteristic torque ratio (ratio of characteristic torque to characteristic resistance) $f_{tor, k} / R_{tor, k}$	4,31
Corrosion protection	galvanized with yellow passivation, class 1, according to EN 1995-1-1
1. R-CS construction screws for wood (carbon steel, grade C1020, $f_{uk}=420$ Mpa, length 80÷400 mm). 2. Wood construction products. 3. Fasteners for structural wood products (wood screws). 4. PN-EN 14592+A1:2012 Timber structures – Dowel type fasteners – Requirements.	

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, 2016-04-24

PEŁNOMOCNIK SYSTEMU
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Jagła
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