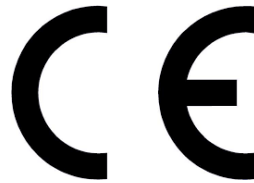


DECLARATION of PERFORMANCE

NR 03/US4.0/CPR-J-00135-20/2022



1. *Unique identification code of the product-type:* **Wood screws Unix type US ϕ 4.0**
Full thread L = (35 ÷ 50)mm
Partial thread L=(35 ÷ 50)mm/L_g=32mm; L=(50 ÷ 60)mm/L_g=35mm; L=(65 ÷ 70)mm/L_g=40mm; L=(80 ÷ 100)mm/L_g=50mm;
Steel grade C1022 (SAE1022) according to American standard AISI
2. *Intended use:* **Screws US ϕ 4,0 are intended for fixing of wood**
3. *Name, registered trade name or registered trade mark and contact address of the manufacturer:*
Marcopol Sp. z o.o. Producent Śrub, street Oliwska 100, 80-209 Chwaszczyno
4. *System or systems of assessment and verification of constancy of performance of the construction product:*
System "3" of assessment
5. *Declaration of performance concerning by a harmonized standard:*
EN 14592:2008 + A1:2012 Tab. ZA.1,
Name and identification number of the notified body:
Strojirenský zkušební ústav, s.p. Brno, Czech Republic, No. 1015
6. *Declared performance:*

| Essential characteristic | Performance od product acc. E-30-20323-17 | | Harmonised specification |
|--|--|--------------------------|--------------------------------------|
| Characteristic yield moment $M_{y,k}$ [Nmm] | 2317 | | EN 1995-1-1 |
| Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²] – for characteristic density of wood 350 kg/m ³ | Perpendicular to the grain | Paraller to the grain | EN 1995-1-1 |
| | 17.30 | 12.39 | |
| Characteristic head pull- through parameter $f_{head,k}$ [N/mm ²] – for density of wood 350 kg/m ³ | 25.62 | | EN 1995-1-1 |
| Characteristic tensile capacity $f_{tens,k}$ [kN] | 5.61 | | EN 1383 |
| Characteristic torsional ratio for density of wood 450 kg/m ³ | 2.39 | | EN ISO 10666 EN 14592 +A1 annex B |
| Class of reaction to fire | A1 | | EN 13501-1 |
| Zinc coating thickness: | min. 2 ÷ 5 μ m (service class 1) | | EN 1995-1-1 |

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6

This declaration of performance is issued according to CPR 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Chwaszczyno, 21.03.2022

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju
Produktów


Janusz Kabała