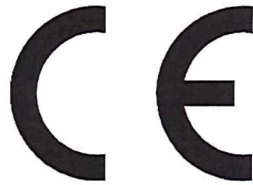


DECLARATION of PERFORMANCE

NR 01/US4.0.L2/CPR-J-00135-20/2020



1. *Unique identification code of the product-type:* **Wood screws Unix type US ϕ 4.0-L2**
 Full thread $L = (25 \div 50)$ mm
 Partial thread $L=(45 \div 50)$ mm/ $L_g=32$ mm; $L=(55,60)$ mm/ $L_g=35$ mm; $L=(65,70)$ mm/ $L_g=40$ mm;
 $L=80$ mm/ $L_g=50$ mm
 Steel grade **C1018 or C1022** 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. CPR-J-00135-20		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 350 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 µm (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, 28.02.2020

Signed by:

R&D Director
Dyrektor Działu Rozwoju
Produktów



Janusz Kabała

Janusz Kabała