MARCOPOL
marka która łączy

DECLARATION of PERFORMANCE

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

CE

1. *Unique identification code of the product-type:* **Wood screws Unix type US ø4.0-L2**
   Full thread L = (25 ÷ 50)mm
   Partial thread L=(45÷50)mm/L_g=32mm; L=(55,60)mm/L_g=35mm; L=(65,70)mm/L_g=40mm; L=80mm/L_g=50mm
   Steel grade C1018 or C1022 according to American standard AISI
2. *Intended use:* **Screws USø4,0 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 zkušebni 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/mm2] – for characteristic density of wood 350 kg/m3	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/mm2] – for density of wood 350 kg/m3	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/m3	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.

Signed by:

Chwaszczyno, 28.02.2020

R&D Director
Dyrektor Działu Rozwoju Produktów

Janusz Kabała

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