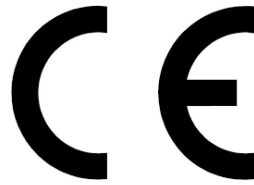


DECLARATION of PERFORMANCE

No 01/HUS10.0-L2/CPR-J-01396-20/2020



1. *Unique identification code of the product-type:* **Wood construction screws HUS ø10.0-L2**
Total length L =(60 ÷ 400) mm; Countersunk head;
Length L / Length of partial thread L_g – (60÷100/40; (120÷400)/70
Steel grade C10B21 according to American Standard AISI
2. *Intended use:* **HUS ø10.0-L2 screws are intended for construction fixing of wood**
3. *Name, registered trade name or registered trade mark and contact address of the manufacturer:* **Marcopol Sp. z o.o. Producer of Bolts str. 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 of product acc. CPR-J-01396-20		Harmonised specification
	Thread section	Smooth section	
Characteristic yield moment M _{y,k} [Nmm]	19°	19°	EN 1995-1-1
	53 942	71 041	
	9°	9°	
	35 572	45 442	
Characteristic withdrawal parameter f _{ax,k} [N/mm ²] – for characteristic density of wood 350 kg/m ³	Perpendicular to the grain	Parallel to the grain	EN 1995-1-1
	14,40	10,24	
Characteristic head pull-through parameter f _{head,k} [N/mm ²] – for density of wood 400 kg/m ³	19,61		EN 1995-1-1
Characteristic tensile capacity f _{tens,k} [kN]	35,78		EN 1383
Characteristic torsional ratio for density of wood 350 kg/m ³	4,05		EN ISO 10666 EN 14592 +A1 annex B
Class of reaction to fire	A1		EN 13501-1
Coating thickness	min. 5 µm (Service Class 1 and 2)		EN ISO 4042 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 in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Signed by:

Chwaszczyno, 19.08.2020

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju Produktów



Janusz Kabała