

DECLARATION of PERFORMANCE

No 01/HUS6.0-L2/CPR-J-00756-20/2020



1. *Unique identification code of the product-type:* **Wood construction screws HUS ϕ 6.0-L2**
Total length L = (60 \div 400) mm; Countersunk head;
Length L / Length of partial thread L_g – (60 \div 100/40; (120 \div 400)/70
Steel grade C10B21 according to American Standard AISI
2. *Intended use:* **HUS ϕ 6.0-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 od product acc. CPR-J-00756-20		Harmonised specification
	Thread section	Smooth section	
Characteristic yield moment M _{y,k} [Nmm]	12°	12°	EN 1995-1-1
	6659	13916	
	22°	22°	
	9918	14464	
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
	16.22	12.62	
Characteristic head pull- through parameter f _{head,k} [N/mm ²] – for density of wood 400 kg/m ³	24.30		EN 1995-1-1
Characteristic tensile capacity f _{tens,k} [kN]	12.79		EN 1383
Characteristic torsional ratio for density of wood 350 kg/m ³	2.24		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
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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 under the sole responsibility of the manufacturer identified in point 3.

Chwaszczyno, 07.05.2020.

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju
Produktów



Janusz Kabała