

**DECLARATION of PERFORMANCE**

**No 01/HUS8.0-L2/CPR-J-01395-20/2020**



1. *Unique identification code of the product-type:* **Wood construction screws HUS ø8.0-L2**  
**Total length L =(60 ÷ 400) mm; Countersunk head;**  
**Length L / Length of partial thread L<sub>g</sub> – (60÷100/40; (120÷400)/70**  
**Steel grade C10B21 according to American Standard AISI**
2. *Intended use:* **HUS ø8.0-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-01395-20		Harmonised specification
	Thread section	Smooth section	
Characteristic yield moment M <sub>y,k</sub> [Nmm]	20°	20°	EN 1995-1-1
	26940	49643	
	10°	10°	
	20451	25463	
Characteristic withdrawal parameter f <sub>ax,k</sub> [N/mm <sup>2</sup> ] – for characteristic density of wood 350 kg/m <sup>3</sup>	<b>Perpendicular to the grain</b>	<b>Parallel to the grain</b>	EN 1995-1-1
	14,88	10,24	
Characteristic head pull-through parameter f <sub>head,k</sub> [N/mm <sup>2</sup> ] – for density of wood 400 kg/m <sup>3</sup>	20,10		EN 1995-1-1
Characteristic tensile capacity f <sub>tens,k</sub> [kN]	23,29		EN 1383
Characteristic torsional ratio for density of wood 350 kg/m <sup>3</sup>	3,51		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 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