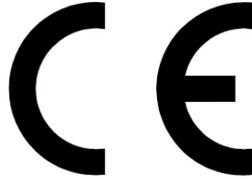


DECLARATION of PERFORMANCE
No 01/H6P8.0/E-30-20210-13/2017



1. *Unique identification code of the product-type:* **Wood construction screws H6P ø8.0**
Steel C9D according to PN EN 10016-2 with minimum tensile strength $R_m \geq 400$ MPa
 – nominal diameter $d = 8,0$ mm
 - full thread, length $L = (30 \div 70)$ mm – gr. 3204
2. *Intended use:* **H6P ø8.0 screws are intended for wood structures fixing**
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, Certificate E-30-20214-13**
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. E-30-20210-13		Harmonised specification
Characteristic yield moment $M_{y,k}$ [Nmm]	28 823		EN 1995-1-1
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²] – for characteristic density of wood 470 kg/m ³	Perpendicular to the grain	Parallel to the grain	
	18,65	15,74	
Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²] – for density of wood 420 kg/m ³	24,32		
Characteristic tensile capacity $f_{tens,k}$ [kN]	21,42		EN 1383
Ratio of the characteristic torsional strength to the braking torque - for density of wood 450 kg/m ³	2,99		EN ISO 10666 EN 14592 +A1 annex B
Reaction to fire	A1		EN 13501-1
Coating thickness	min. 5 µm (Service Class 1)		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: R&D Director

Janusz Kabała
 Dyrektor Działu Rozwoju
 Produktów


 Janusz Kabała

Chwaszczyno, 15.09.2017.