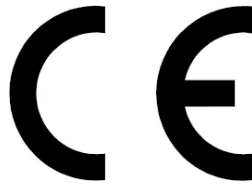


**DECLARATION of PERFORMANCE**  
**No 02/DHS6.0/E-30-20066-17/2017**



1. *Unique identification code of the product-type:* **Distance screws for wood type DHS  $\phi$ 6.0**  
**Total length L / partial thread L<sub>g</sub> – (60/30; 70/40; 80÷90/50; 100÷140/70) mm**  
**Steel grade SAE 1022**
2. *Intended use:* **DHS  $\phi$ 6.0 screws are intended for wood structures fixing with keeping the distance between joined elements.**
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. E-30-20066-17		Harmonised specification
Characteristic yield moment $M_{y,k}$ [Nmm]	12 388		EN 1995-1-1
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm <sup>2</sup> ] – for characteristic density of wood 350 kg/m <sup>3</sup>	Perpendicular to the grain	Parallel to the grain	EN 1995-1-1
	17,91	14,03	
Characteristic head pull- through parameter $f_{head,k}$ [N/mm <sup>2</sup> ] – for density of wood 350 kg/m <sup>3</sup>	22,91		EN 1995-1-1
Characteristic tensile capacity $f_{tens,k}$ [kN]	11,90		EN 1383
Ratio of the characteristic torsional strength to the braking torque - for density of wood 450 kg/m <sup>3</sup>	1,78		EN ISO 10666 EN 14592 + A1 annex B
Reaction to fire	A1		EN 13501-1
Coating thickness	min. 5 $\mu$ m (Service Class 1 and 2)		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, 03.10.2017