

DECLARATION of PERFORMANCE
No 01/H6K12.0/E-30-20214-13/2017



1. *Unique identification code of the product-type:* **Wood construction screws H6K ϕ 12.0**
2. *Intended use:* **H6K ϕ 12.0 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 od product acc. E-30-20214-13		Harmonised specification
	Perpendicular to the grain	Parallel to the grain	
Characteristic yield moment $M_{y,k}$ [Nmm]	91 517		EN 1995-1-1 En 14592+A1
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²] – for characteristic density of wood 440 kg/m ³	15.13	9.66	EN 1995-1-1 EN14592 +A1
Characteristic head pull- through parameter $f_{head,k}$ [N/mm ²] – for density of wood 430 kg/m ³	19.94		EN 1995-1-1 EN 14592 +A1
Characteristic tensile capacity $f_{tens,k}$ [kN]	38.23		EN 1383 PN-EN 14592+A1
Characteristic torsional ratio for density of wood 450 kg/m ³	2.43		EN ISO 10666 EN 14592 +A1 annex B
Coating thickness	min. 5 μ m (Service Class 1)		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: R&D Director

Janusz Kabała
Dyrektor Działu Rozwoju
Produktów



Janusz Kabała

Chwaszczyno, 27.02.2017.