

DECLARATION of PERFORMANCE
No 01/H6K8.0/E-30-20210-13/2017



1. *Unique identification code of the product-type:* **Wood construction screws H6K ø8.0**
2. *Intended use:* **H6K 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-30-20210-13**

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-30-20210-13 | | Harmonised specification |
|--|---|-----------------------|----------------------------|
| | Threaded part | Unthreaded part | |
| Characteristic yield moment $M_{y,k}$ [Nmm] | 28 823 | 32 700 | PN-EN 14592:2008 + A1:2012 |
| 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 | 28,47 | | |
| Characteristic tensile capacity $f_{tens,k}$ [kN] | 21,42 | | |
| Characteristic torsional ratio for density of wood 450 kg/m ³ | 2,99 | | |
| Coating thickness | min. 5 µm (Service Class 1) | | PN-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, 17.02.2017.