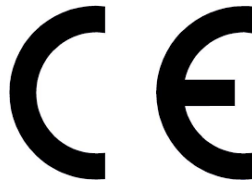


DECLARATION of PERFORMANCE

No 02/WTR5.0/E-30-20344-16/2017



1. *Unique identification code of the product-type:* **Screws type WTR ϕ 5.0**
Total length L = (37÷77) mm
Steel grade C1022 according to the American AISI standard
2. *Intended use:* **WTR screws are intended for joining wooden or composite decking boards (Basic Requirement 1 within the meaning of CPR 305/2011)**
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-30-20344-16		Harmonised specification
Characteristic yield moment $M_{y,k}$ [Nmm]	6 196		EN 1995-1-1
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²] – for characteristic density of wood 350 kg/m ³	Perpendicular to the grain	Parallel to the grain	EN 1995-1-1
	17,34	16,63	
Characteristic head pull- through parameter $f_{head,k}$ [N/mm ²] – for density of wood 350 kg/m ³	25,83		EN 1995-1-1
Characteristic tensile capacity $f_{tens,k}$ [kN]	8,42		EN 1383
Ratio of the characteristic torsional strength to the braking torque - for density of wood 450 kg/m ³	2,90		EN ISO 10666 EN 14592 + A1 annex B
Reaction to fire	A1		EN 13501-1
Coating thickness	Nano HCP'coat coating with resistance of 1000h in a salt chamber of min. 20µm (Service Class 3)		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