

UK CA

DECLARATION of PERFORMANCE

No UK01/HUS5.0/CPR-J-00755-20/2023

In accordance with Regulation (EU) No 305/2011, as amended by the UK Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and 2020

1. *Unique product-type reference:* **HUS ϕ 5.0**
2. *Type, batch or serial number:* **HUS ϕ 5.0**
Total length L=(40 ÷ 120) mm; Countershank head;
Length L / Length of partial thread L_g – 40/24; 50/30; (60÷120)/40
3. *Intended use:* **Wood construction screws type HUS ϕ 5.0 are intended for construction fixing of wood**
4. *Manufacturer, name, address:*
Marcopol Sp. z o.o. Producer of Bolts
Oliwska str. No. 100,
80-209 Chwaszczyno
5. *System AVCP System of assessment and verification of constancy of performance of the construction product:*
System “3” of assessment
6. *Declaration of performance concerning a construction products covered by a harmonized standard:*
BS-EN 14592:2008 + A1:2012 „Timber structures - Dowel type fasteners - requirements”
Name and identification number of the notified body: **Strojirenský zkušební ústav, s.p. Brno, Czech Republic, No. 1015**
Certificate number: **CPR-J-00755-20**
7. *Declared performance:*

Essential characteristic	Performance od product acc. CPR-J-00755-20		Harmonised specification
	Thread section	Smooth section	
Characteristic yield moment M _{y,k} [Nmm]	14°	14°	BS-EN 14592:2008 + A1:2012
	5987	8789	
	24°	24°	
	6433	9007	
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	BS-EN 14592:2008 + A1:2012
	16.33	12.82	
Characteristic head pull- through parameter f _{head,k} [N/mm ²] – for density of wood 400 kg/m ³	25.58		BS-EN 14592:2008 + A1:2012

Characteristic tensile capacity $f_{tens,k}$ [kN]	8.87	BS-EN 14592:2008 + A1:2012
Characteristic torsional ratio for density of wood 350 kg/m ³	2.22	BS-EN 14592:2008 + A1:2012
Class of reaction to fire	A1	BS EN 13501-1
Coating thickness	min. 5 μm (Service Class 1 and 2)	BS EN ISO 4042 BS EN 1995-1-1

8. The performance of the product identified above is in conformity with the declared performance identified in the table.


This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Chwaszczyno, 02.01.2023.

R&D Director - Janusz Kabala

Dyrektor Działu Rozwoju
Produktów


Janusz Kabala