

DECLARATION of PERFORMANCE

NR 01/USX5.0/CPR-J-01195-22/2022



1. *Unique identification code of the product-type:* **Wood screws type USX ϕ 5.0**
Partial thread $L=(50 \div 100)$ mm; $L_g=(32 \div 63)$ mm;
Stainless steel grade 304 according to American standard AISI
2. *Intended use:* **Screws type USX ϕ 5.0 are intended for fixing of wood**
3. *Name, registered trade name or registered trade mark and contact address of the manufacturer:*
Marcopol Sp. z o.o. Producent Śrub, street 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. CPR-J-01195-22		Harmonised specification
	Thread section	Smoth section	
Characteristic yield moment $M_{y,k}$ [Nmm]	4 297	3 646	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	Paraller to the grain	EN 1995-1-1
	16.93	14.85	
Characteristic head pull- through parameter $f_{head,k}$ [N/mm ²] – for density of wood 350 kg/m ³	21.28		EN 1995-1-1
Characteristic tensile capacity $f_{tens,k}$ [kN]	4.93		EN 1383
Characteristic torsional ratio for density of wood 450 kg/m ³	1.72		EN ISO 10666 EN 14592 +A1 annex B
Class of reaction to fire	A1		EN 13501-1
Corrosion Resistance:	Stainless steel AISI 304 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 according to CPR 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Chwaszczyno, 02.08.2022

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju
Produktów



Janusz Kabała