

DECLARATION of PERFORMANCE

NR 02/IUP/E-30-20233-15/2017



1. *Unique identification code of the product-type:* **Insulating screws $\varnothing 8$ mm type IUP with button head**
2. *Intended use:* **IUP type insulating screws with button head are intended for making structural connections of wooden elements**
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. E-30-20323-17		Harmonised specification
Characteristic yield moment $M_{y,k}$ [Nmm]	Threaded part	Unthreade d part	PN EN 14592:2008 + A1:2012 Tab. ZA.1
	28 850	45 014	
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²] – for characteristic density of wood 370 kg/m ³	Perpendicular to the grain	Paraller to the grain	
	14,05	10,10	
Characteristic head pull- through parameter $f_{head,k}$ [N/mm ²] – for density of wood 480 kg/m ³	25,12		
Characteristic tensile capacity $f_{tens,k}$ [kN]	27,03		
Characteristic torsional ratio for density of wood 450 kg/m ³	5,29		
Zinc coating thickness:	min. 8 μ m (service class 1 or 2)		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 according to CPR 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Chwaszczyno, 06.07.2017

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju
Produktów


Janusz Kabała