

DECLARATION of PERFORMANCE

NR 01/GW-KWA 3.8/E-30-20365-17/2017



1. *Unique identification code of the product-type:*

Square twisting nails type GW-KWA

2. Intended use:

GW-KWA Ø3,8 square twisting nails are intended for structural connections of load-bearing 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 zkušebni ústav, s.p. Brno, Czech Republic, No. 1015

6. *Declared performance:*

Essential characteristic	Performance od product acc. E-30-20365-17		Harmonised specification
Characteristic yield moment M _{y,k} [Nmm]	12 114		
Characteristic withdrawal parameter fax,k	Perpendicular	Paraller to	
[N/mm2] – for characteristic density of wood	to the grain	the grain	
350 kg/m3	2,92	2,18	PN EN 14592:2008 +
Characteristic head pull- through parameter	25,59		A1:2012 Tab. ZA.1
f _{head,k} [N/mm2] – for density of wood 350			
kg/m3			
Characteristic tensile capacity f _{tens,k} [kN]	8,38		
Zinc 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 according to CPR 305/2011 under the sole responsibility of the manufacturer identified in point 4.

Signed by:

Chwaszczyno, 15.09.2017

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju

Produktów

Janusz Kabala