

In accordance with Annex III to Regulation (EU) No 305/2011 (Construction Products)

**N° 016/2018/WDCT  
Construction wood screws**

**1. Unique Product identification code:**

WDCT

**2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

The identification of the product is given by the lot number specified on the label together with the CE marking.

**3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**

Wafer head T40 recess mechanical fasteners intended to be used for structural connections of wooden elements.

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):** P.H. HAMAR Sp.J. B i H Grzesiak, ul. Hutnicza 7, 81-061 Gdynia, Poland

**5. Where applicable, name and contact address of the authorized representative whose mandate covers the task specified in Article 12(2):** NA

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:** System 3 attestation of conformity of all characteristics

**7. In case of the declaration of performance concerning a construction product covered by the harmonized standard:**

PN-EN 14592:2008, system 3. Initial type testing made by: STROJIRENSKY ZKUSEBNI USTAV, s.p. (Notified Body No. 1015), Hudcova 424/56b, 621 00 BRNO, Czech Republic. Report on assessment of the performance of construction product 30-9576/3 of 14.12.2011. Certificate no: J-30-20424-11.

**8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:** NA

**9. Declared performance:**

Main characteristics	Performance	Harmonized Technical Specification PN - EN 14592:2008
Material	Steel 10B21	
Corrosion resistance	Type of coating	
	Yellow zinc plated Class 1 EN 1995-1-1	
Characteristic yield moment $M_{y,k}$ [Nmm] thread section / smooth section	30 196 / 47 926	
Characteristic withdrawal parameter ( $f_{ax,k}$ ) [N/ mm <sup>2</sup> ], for wood $\rho_k$ 420 [kg/m <sup>3</sup> ] across / along the fibres	9,90 / 8,55	
Characteristic head pull-through parameter ( $f_{head,k}$ ) [N/mm <sup>2</sup> ], for wood $\rho_k$ 475[kg/m <sup>3</sup> ]	28,59	
Characteristic tensile capacity ( $f_{tens,k}$ ) [kN]	27,21	
Characteristic torsional ratio for wood $\rho_k$ 450[kg/m <sup>3</sup> ] ( $f_{tor,k}$ / $R_{tor,k}$ )	2,24	

**10. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 9.**

**This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.**

Signed for and on behalf of the manufacturer by:



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Bogusław Grzesiak - Wspólnik

Gdynia, February 14<sup>th</sup>, 2018