

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

N° 012/2014/ WD Chipboard screws

1. Unique Product identification code:

WDSPZ, WDSTX, WDSWPZ, WDKPZ (figures in annex 1)

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:

The mechanical fasteners intended to be used for different non-construction materials fastening to the wood.

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+A1:2012, system 3.

Initial type testing made by: STROJIRENSKY ZKUSEBNI USTAV, s.p. (Notified Body No. 1015), Hudcova 56b, 621 00 BRNO, Czech Republic.
Report no: E-30-20998-13, E-30-20999-13, E-30-21000-13, E-30-21001-13, E-30-21002-13, E-30-21003-13, E-30-21004-13.

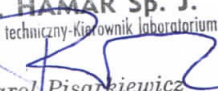
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: NA

9. Declared performance:

Essentials characteristics	Performance							Harmonized Technical Specification PN - EN 14592 +A1:2012
Material	Steel SAE 1022							
Diameter [mm]	2,5 ; 3,0 ; 3,5 ; 4,0 ; 4,5 ; 5,0 ; 6,0							
Corrosion resistance	Type of coating							
	Zinc plated			Class 1 acc. EN 1995-1-1				
Thread diameter (d) [mm]	2,5	3,0	3,5	4,0	4,5	5,0	6,0	
Length (L) [mm]	10-50	12-60	14-70	16-90	18-100	20-150	24-260	
Characteristic yield moment $M_{y,k}$ [Nmm]	1014	1666	1719	3075	5148	7319	12836	
Characteristic withdrawal parameter ($f_{ax,k}$) [N/ mm ²], for wood ρ_k 460 [kg/m ³], across /along the fibres	17,07/ 13,20	17,37/ 13,21	18,63/ 13,38	18,39/ 12,21	16,57/ 13,12	16,55/ 13,55	16,00/ 12,85	
Characteristic head pull-through parameter ($f_{head,k}$) [N/ mm ²] for wood ρ_k 460 [kg/m ³], flat head	29,87	29,88	28,04	27,84	26,99	29,39	24,17	
Characteristic tension capacity ($f_{tens,k}$) [kN]	2,69	3,63	4,80	6,52	7,86	10,19	14,28	
Characteristic torsional ratio for wood ρ_k 450 [kg/m ³] ($f_{tor,k}/R_{tor,k}$)	3,68	3,32	3,67	3,58	3,69	3,85	2,60	

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:

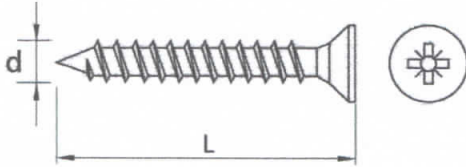
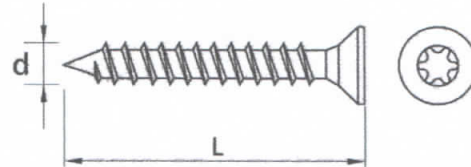
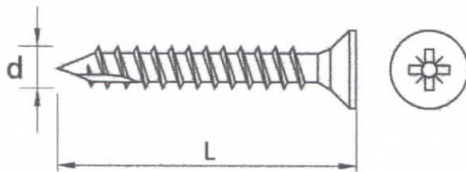
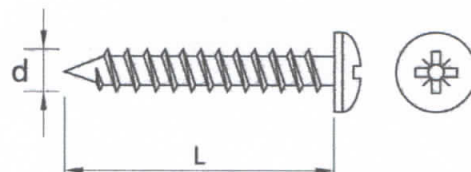
P.H. HAMAR Sp. J.
 Kierownik techniczny-Kierownik laboratorium

 Karol Pisarkiewicz

Eng. Karol Pisarkiewicz, Quality Department

Gdynia, November 25th, 2014

Annex 1

Figures of chipboard screws:

a) **WDSPZ**b) **WDSTX**c) **WDSWPZ**d) **WDKPZ**

P.H. HAMAR Sp. J.
Kierownik techniczny-Kierownik laboratorium
Karol Pisarkiewicz