

RD5206.01.02EN

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU.

Hoenderdaal Fasteners bv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

1. Unique identification code of the product-type:

5206.01

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

See annex 1 to this document

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

Type	Universalscrews zinc plated flathead torx
Material	Carbonsteel plus AISI C1022 SI (hardened)
Corrosion protection	Zinc plated, minimum 5µm above class 24
Service class	Service class 1 according to EN 1995-1-1
Fire resistance	NPD
Reaction to fire	Classification A1 according to EN13501-1
Intended use	Screws for use in timber structures

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):

Hoenderdaal Fasteners bv – Wageningse laan 18 – 3903 LA Veenendaal – The Netherlands

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

Not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

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

Standard	NEN-EN 14592:2008+A1:2012
Performed by	SHR NB2590
	Nieuwe Kanaal 9c
	6709 PA Wageningen
	The Netherlands
Under systeem	3
And issued	Intital type test reportcode ITT.13.0555



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

Not relevant

9. Declared performance:

Essential characteristics	Design Method	Ø 2,5	Ø 3,0	Ø 3,5	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	Harmonised technical specifications
MECHANICAL STRENGTH AND STIFFNESS										NEN EN-14592 2008+A1:2012
a) Characteristics yield moment My,k [Nmm]	EN 409	NPD	NPD	NPD	3407	4540	5568	10325	NPD	
b) Characteristics withdrawal parameter	EN 1382	NPD	NPD	NPD	21,1	19,3	19,6	16,5	NPD	
Wood Density:		Spruce 450 kg/m3 WMC 13%								
c) Characteristics head pull-through parameter [N/mm ²]	EN 1383	NPD	NPD	NPD	43,2	38,35	34,6	28,7	NPD	
Wood density:	EN 314 class 3	Okoume plywood, 18mm, 525 kg/m3								
d) Characteristics tensile capacity ftens,k [kN]	EN 1383:1999	NPD	NPD	NPD	5,82	6,84	7,76	13,03	NPD	
e) Characteristics torsional ratio:	EN ISO 10666:1999	NPD	NPD	NPD	4,2	4,9	4,3	6,7	NPD	
Wood Density:		Spruce 450 kg/m3 WMC 13%								
DURABILITY	EN 1995-1-1 ISO 2081	Service class 1- zinc plated min. 5µm above class24								

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Bart Veldhuizen
Product Manager

Veenendaal
05-11-2015

<p>Company stamp</p> <p>Hoenderdaal Fasteners B.V. Wageningselaan 18 3903 LA VEENENDAAL Tel.: 0318-539711 Fax: 0318-515418</p>
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DECLARATION OF PERFORMANCE

DOP



ANNEX 1

Art nr screws	Discription Dutch	D	L	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr	Art nr
5206.01.16700	SPAANPLAATSCHROEF PKVZT15 3.5X16	3,5	16		161.135.016	164.035.016	167.035.016		361.135.016		467.035.016
5206.01.17000	SPAANPLAATSCHROEF PKVZT15 3.5X20	3,5	20		161.135.020	164.035.020	167.035.020		361.135.020		467.035.020
5206.01.17100	SPAANPLAATSCHROEF PKVZT15 3.5X25	3,5	25		161.135.025	164.035.025	167.035.025		361.135.025	464.035.025	467.035.025
5206.01.17200	SPAANPLAATSCHROEF PKVZT15 3.5X30	3,5	30		161.135.030	164.035.030	167.035.030		361.135.030	461.135.030	467.035.030
5206.01.17400	SPAANPLAATSCHROEF PKVZT15 3.5X35	3,5	35		161.135.035	164.035.035	167.035.035		361.135.035		467.035.035
5206.01.17600	SPAANPLAATSCHROEF PKVZT15 3.5X40	3,5	40		161.135.040	164.035.040	167.035.040		361.135.040	461.135.040	467.035.040
5206.01.17800	SPAANPLAATSCHROEF PKVZT15 3.5X45	3,5	45		161.135.045	164.035.045	167.035.045		361.135.045		
5206.01.17900	SPAANPLAATSCHROEF PKVZT15 3.5X50	3,5	50		161.135.050	164.035.050	167.035.050		361.135.050		
5206.01.24700	SPAANPLAATSCHROEF PKVZT20 4.0X16	4	16		161.140.016	164.040.016	167.040.016				467.040.016
5206.01.25000	SPAANPLAATSCHROEF PKVZT20 4.0X20	4	20		161.140.020	164.040.020	167.040.020		361.140.020		467.040.020
5206.01.25100	SPAANPLAATSCHROEF PKVZT20 4.0X25	4	25		161.140.025	164.040.025	167.040.025		361.140.025	461.140.025	467.040.025
5206.01.25200	SPAANPLAATSCHROEF PKVZT20 4.0X30	4	30	122.140.030	161.140.030	164.040.030	167.040.030		361.140.030	461.140.030	467.040.030
5206.01.25400	SPAANPLAATSCHROEF PKVZT20 4.0X35	4	35	122.140.035	161.140.035	164.040.035	167.040.035		361.140.035	461.140.035	467.040.035
5206.01.25600	SPAANPLAATSCHROEF PKVZT20 4.0X40	4	40	122.140.040	161.140.040	164.040.040	167.040.040	464.040.040	361.140.040	461.140.040	467.040.040
5206.01.25800	SPAANPLAATSCHROEF PKVZT20 4.0X45	4	45	122.140.050	161.140.045				361.140.045		467.040.045
5206.01.25900	SPAANPLAATSCHROEF PKVZT20 4.0X50	4	50		161.140.050	164.040.050	167.040.050		361.140.050	461.140.050	467.040.050
5206.01.26000	SPAANPLAATSCHROEF PKVZT20 4.0X60	4	60		161.140.060	164.040.060	167.040.060		361.140.060	461.140.060	467.040.060
5206.01.26200	SPAANPLAATSCHROEF PKVZT20 4.0X70	4	70		161.140.070	164.040.070	167.040.070		361.140.070		467.040.070
5206.01.33100	SPAANPLAATSCHROEF PKVZT25 4.5X25	4,5	25		161.145.025				361.145.025		
5206.01.33200	SPAANPLAATSCHROEF PKVZT25 4.5X30	4,5	30		161.145.030				361.145.030		467.045.030
5206.01.33400	SPAANPLAATSCHROEF PKVZT25 4.5X35	4,5	35		161.145.035				361.145.035		
5206.01.33600	SPAANPLAATSCHROEF PKVZT25 4.5X40	4,5	40		161.145.040	164.045.040	167.045.040		361.145.040	461.145.040	467.045.040
5206.01.33800	SPAANPLAATSCHROEF PKVZT25 4.5X45	4,5	45	122.145.045	161.145.045	164.045.045	167.045.045		361.145.045		467.045.045
5206.01.33900	SPAANPLAATSCHROEF PKVZT25 4.5X50	4,5	50		161.145.050	164.045.050	167.045.050		361.145.050	461.145.050	467.045.050
5206.01.34000	SPAANPLAATSCHROEF PKVZT25 4.5X60	4,5	60		161.145.060	164.045.060	167.045.060		361.145.060	461.145.060	467.045.060
5206.01.34200	SPAANPLAATSCHROEF PKVZT25 4.5X70	4,5	70		161.145.070	164.045.070	167.045.070		361.145.070	461.145.070	467.045.070
5206.01.34400	SPAANPLAATSCHROEF PKVZT25 4.5X80	4,5	80		161.145.080	164.045.080	167.045.080		361.145.080		
5206.01.41200	SPAANPLAATSCHROEF PKVZT25 5.0X30	5	30		161.150.030	164.050.030	167.050.030		361.150.030		467.050.030
5206.01.41600	SPAANPLAATSCHROEF PKVZT25 5.0X40	5	40		161.150.040	164.050.040	167.050.040		361.150.040	461.150.040	467.050.040
5206.01.41800	SPAANPLAATSCHROEF PKVZT25 5.0X45	5	45		161.150.045				361.150.045		
5206.01.41900	SPAANPLAATSCHROEF PKVZT25 5.0X50	5	50	122.150.050	161.150.050	164.050.050	167.050.050		361.150.050	461.150.050	467.050.050
5206.01.42000	SPAANPLAATSCHROEF PKVZT25 5.0X60	5	60	122.150.060	161.150.060	164.050.060	167.050.060		361.150.060	461.150.060	467.050.060
5206.01.42200	SPAANPLAATSCHROEF PKVZT25 5.0X70	5	70	122.150.070	161.150.070	164.050.070	167.050.070	464.050.070	361.150.070	461.150.070	467.050.070
5206.01.42400	SPAANPLAATSCHROEF PKVZT25 5.0X80	5	80	122.150.080	161.150.080	164.050.080	167.050.080	167.150.080	361.150.080	461.150.080	467.050.080
5206.01.42500	SPAANPLAATSCHROEF PKVZT25 5.0X90	5	90	122.150.090	161.150.090		167.050.090	167.150.090	361.150.090	461.150.090	467.050.090
5206.01.42600	SPAANPLAATSCHROEF PKVZT25 5.0X100	5	100	122.150.100	161.150.100		167.050.100	167.150.100	361.150.100	461.150.100	467.050.100
5206.01.42800	SPAANPLAATSCHROEF PKVZT25 5.0X120	5	120	122.160.120	161.150.120		167.050.120		361.150.120		
5206.01.49600	SPAANPLAATSCHROEF PKVZT25 6.0X40	6	40								467.060.040
5206.01.49900	SPAANPLAATSCHROEF PKVZT25 6.0X50	6	50		161.160.050	164.060.050	167.060.050		361.160.050		467.060.050
5206.01.50000	SPAANPLAATSCHROEF PKVZT25 6.0X60	6	60		161.160.060	164.060.060	167.060.060		361.160.060	461.160.060	467.060.060
5206.01.50200	SPAANPLAATSCHROEF PKVZT25 6.0X70	6	70		161.160.070	164.060.070	167.060.070		361.160.070		467.060.070
5206.01.50400	SPAANPLAATSCHROEF PKVZT25 6.0X80	6	80		161.160.080		167.060.080	167.160.080	361.160.080	461.160.080	467.060.080
5206.01.50500	SPAANPLAATSCHROEF PKVZT25 6.0X90	6	90		161.160.090			167.160.090	361.160.090		467.060.090
5206.01.50600	SPAANPLAATSCHROEF PKVZT25 6.0X100	6	100		161.160.100		167.060.100	167.160.100	361.160.100	461.160.100	467.060.100
5206.01.50700	SPAANPLAATSCHROEF PKVZT25 6.0X110	6	110		161.160.110			167.160.110	361.160.110		
5206.01.50800	SPAANPLAATSCHROEF PKVZT25 6.0X120	6	120		161.160.120		167.060.120	167.160.120	361.160.120	461.160.120	467.060.120
5206.01.50900	SPAANPLAATSCHROEF PKVZT25 6.0X130	6	130		161.160.130			167.160.130	361.160.130		
5206.01.51000	SPAANPLAATSCHROEF PKVZT25 6.0X140	6	140		161.160.140			167.160.140	361.160.140	461.160.140	467.060.140
5206.01.51100	SPAANPLAATSCHROEF PKVZT25 6.0X150	6	150		161.160.150			167.160.150	361.160.150		
5206.01.51200	SPAANPLAATSCHROEF PKVZT25 6.0X160	6	160		161.160.160			167.160.160	361.160.160	461.160.160	
5206.01.51300	SPAANPLAATSCHROEF PKVZT25 6.0X180	6	180		161.160.180				361.160.180	461.160.180	