



DECLARATION OF PERFORMANCE

DOP



RD5286.01.02EN

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:

5286.01

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	Washerhead Zinc plated Torx
Product range	Diameter: 6,0 / 8,0 / 10,0 mm length: 40 - 400 mm
Material	Carbonsteel plus AISI C1022 SI (hardened)
Corrosion protection	Zinc plated, 5µm above klasse 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	Selftapping 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 – Wageningsesteen 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
Preformed by	SHR NB2590 Nieuwe Kanaal 9c 6709 PA Wageningen The Netherlands
Under systeem	3
And issued	Initial type test reportcode 14.0432



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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	NPD	NPD	NPD	11407	26876	
b) Characteristics withdrawal parameter Wood Density:	EN 1382	NPD	NPD	NPD	NPD	NPD	NPD	16,6	13,9	
		Spruce 450 kg/m3 WMC 13%								
c) Characteristics head pull-through parameter [N/mm²] Wood density:	EN 1383	NPD	NPD	NPD	NPD	NPD	NPD	35,3	15,7	
	EN 314 class 3	Okoume plywood, 18mm, 525 kg/m3								
d) Characteristics tensile capacity ftens,k [kN]	EN 1383:1999	NPD	NPD	NPD	NPD	NPD	NPD	13,06	26,2	
e) Characteristics torsional ratio: Wood Density:	EN ISO 10666:1999	NPD	NPD	NPD	NPD	NPD	NPD	2,33	7,76	
		Spruce 450 kg/m3 WMC 13%								
DURABILITY	EN 1995-1-1 ISO 2081	Service class 1								

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

Company stamp

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ANNEX 1

Art nr screws	Discription Dutch	D	L	Art nr
5286.01.49600	TELLERKOPSCHROEF VZ. 20MM T40 6.0X40	6	40	476.060.040
5286.01.49900	TELLERKOPSCHROEF VZ. 20MM T40 6.0X50	6	50	476.060.050
5286.01.50000	TELLERKOPSCHROEF VZ. 20MM T40 6.0X60	6	60	476.060.060
5286.01.50400	TELLERKOPSCHROEF VZ. 20MM T40 6.0X80	6	80	476.060.080
5286.01.61900	TELLERKOPSCHROEF VZ. 20MM T40 8.0X50	8	50	476.080.050
5286.01.62000	TELLERKOPSCHROEF VZ. 20MM T40 8.0X60	8	60	476.080.060
5286.01.62400	TELLERKOPSCHROEF VZ. 20MM T40 8.0X80	8	80	476.080.080
5286.01.62600	TELLERKOPSCHROEF VZ. 20MM T40 8.0X100	8	100	476.080.100
5286.01.62800	TELLERKOPSCHROEF VZ. 20MM T40 8.0X120	8	120	476.080.120
5286.01.63000	TELLERKOPSCHROEF VZ. 20MM T40 8.0X140	8	140	476.080.140
5286.01.63200	TELLERKOPSCHROEF VZ. 20MM T40 8.0X160	8	160	476.080.160
5286.01.63300	TELLERKOPSCHROEF VZ. 20MM T40 8.0X180	8	180	476.080.180
5286.01.63400	TELLERKOPSCHROEF VZ. 20MM T40 8.0X200	8	200	476.080.200

