

# DECLARATION of PERFORMANCE (DoP)

According to Construction Products Regulation: (EU) 305/2011  
EN 14592:2008+A1: 2012

DoP nr.:

**SPS.VZ.2020.001**



## 1. Unique identification code of the product type.

QZ, Fixmart and neutral (DTL) zincplated chipboard screws according to article range:  
201, 202, 203, 204, 205, 206, 211, 212, 213, 214, 216, 269, 301, 302, 303, 304, 305, 306, 307, 308, 309, 369, 801, 802, 803, 804, 805, 806, 807, 808, 809, 811, 812, 813, 814, 816, 869, 901, 902, 903, 904, 905, 906, 907, 908, 909, 911, 912, 914, 916, 969

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

See packing / productlabel

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

Mechanical fasteners for use in timber constructions

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

GebuVolco B.V.  
Christiaan Huygensweg 7  
3225 LD Hellevoetsluis  
Netherlands

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

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## 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 harmonised standard.

EN 14592+A1; June 2012

Ø 3.0 mm / No. 30-9670/1	Ø 3.5 mm / No. 30-9670/2	Ø 4.0 mm / No. 30-9670/3
Ø 4.5 mm / No. 30-9670/4	Ø 5.0 mm / No. 30-9670/5	Ø 6.0 mm / No. 30-9670/6

Strojírenský Zkušební Ústav s.p. (NoBo 1015) Factory production Control (FPC) conforming to the requirements of EN ISO 9001

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

Not relevant

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## 9. Declared performance

Table 1:

Product	Length	Characteristic yield moment $M_{y,k}$ [Nmm]		Characteristic withdrawal parameter $f_{ox,k}$ [N/mm <sup>2</sup> ]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio		
				Loading across the fibre	Loading along the fibre					
Screw $\varnothing$ 3.0 mm	18-50 mm	1454		21,52	12,21	See table 2	3,28	1,99		
Screw $\varnothing$ 3.5 mm	21-50 mm	2752		20,38	16,64		3,84	1,76		
Screw $\varnothing$ 4.0 mm	24-70 mm	3536		19,33	18,01		5,09	1,79		
Screw $\varnothing$ 4.5 mm	27-80 mm	Smooth part	Threaded part	19,17	15,13		See table 2	6,31	1,84	
		5187	6252							
Screw $\varnothing$ 5.0 mm	30-120 mm	Smooth part	Threaded part	20,83	18,48			See table 2	6,95	2,02
		6944	10287							
Screw $\varnothing$ 6.0 mm	36-260 mm	Smooth part	Threaded part	19,29	13,6	See table 2			10,53	2,32
		10360	16925							
Material	Carbon steel									
Corrosion resistance	galvanic zinc plated, service class 1 acc. To EN 1995-1-1									

Table 2:

Head type	Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]	
	Double flathead	Panhead
Screw $\varnothing$ 3.0 mm	37,22	44,74
Screw $\varnothing$ 3.5 mm	33,45	37,21
Screw $\varnothing$ 4.0 mm	32,13	45,23
Screw $\varnothing$ 4.5 mm	26,19	35,26
Screw $\varnothing$ 5.0 mm	28,14	42,12
Screw $\varnothing$ 6.0 mm	26,08	41,53

10. On behalf of the manufacturer:

D. de Pijper, General Director  
 GebuVolco  
 P.O. Box 112  
 3220 AC Hellevoetsluis  
 Tel. +31(0)181-330000

Hellevoetsluis, 10 November 2020

### Sales, production and warehouse

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Article groups 201, 202, 203, 204, 205, 206, 211, 212, 213, 214, 216, 269, 301, 302, 303, 304, 305, 306, 307, 308, 309, 369, 801, 802, 803, 804, 805, 806, 807, 808, 809, 811, 812, 813, 814, 816, 869, 901, 902, 903, 904, 905, 906, 907, 908, 909, 911, 912, 914, 916, 969

Diameter x length:

2.5 x 10	3.0 x 50	4.0 x 13	4.2 x 51	5.0 x 17	6.0 x 140
2.5 x 12		4.0 x 15		5.0 x 20	6.0 x 150
2.5 x 13	3.5 x 10	4.0 x 16	4.5 x 16	5.0 x 25	6.0 x 160
2.5 x 16	3.5 x 12	4.0 x 17	4.5 x 20	5.0 x 28	6.0 x 180
2.5 x 20	3.5 x 13	4.0 x 20	4.5 x 25	5.0 x 30	6.0 x 200
2.5 x 25	3.5 x 15	4.0 x 25	4.5 x 30	5.0 x 35	6.0 x 30
	3.5 x 16	4.0 x 30	4.5 x 35	5.0 x 40	6.0 x 35
3.0 x 10	3.5 x 17	4.0 x 35	4.5 x 40	5.0 x 45	6.0 x 40
3.0 x 12	3.5 x 20	4.0 x 40	4.5 x 45	5.0 x 50	6.0 x 45
3.0 x 13	3.5 x 25	4.0 x 45	4.5 x 50	5.0 x 55	6.0 x 50
3.0 x 15	3.5 x 30	4.0 x 50	4.5 x 55	5.0 x 60	6.0 x 55
3.0 x 16	3.5 x 35	4.0 x 55	4.5 x 60	5.0 x 70	6.0 x 60
3.0 x 17	3.5 x 40	4.0 x 60	4.5 x 70	5.0 x 80	6.0 x 70
3.0 x 20	3.5 x 45	4.0 x 70	4.5 x 80	5.0 x 90	6.0 x 80
3.0 x 25	3.5 x 50	4.0 x 80			6.0 x 90
3.0 x 30	3.5 x 55		5.0 x 100	6.0 x 100	
3.0 x 35		4.2 x 25	5.0 x 110	6.0 x 110	
3.0 x 40	4.0 x 10	4.2 x 32	5.0 x 120	6.0 x 120	
3.0 x 45	4.0 x 12	4.2 x 38	5.0 x 16	6.0 x 130	

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