

DECLARATION of PERFORMANCE (DoP)

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

DoP nr.: **SPS.VZ.2025.001-ETA**



1. Unique identification code of the product type.

QZ, Private label, Fixmart and neutrally packaged zinc-plated chipboard screws in accordance with article groups: **211, 212, 214, 216, 311, 312, 314, 316, 811, 812, 814, 816, 911, 912, 914, 916**

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

See packaging / product label.

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

Mechanical fastener for timber structures in accordance with ETA-18/0284

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
The Netherlands

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

Not applicable

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 14592:2008+A1:2012

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

ETA-18/0284, issued by TZÚS Praha, s.p., for Sheh Fung Screws Co., Ltd., Taiwan.
Issue date: December 14, 2019 (last version).

9. Declared performance

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

10. On behalf of the manufacturer:

D. de Pijper, General Director


GebuVolco
P.O. Box 112
3220 AC Hellevoetsluis
Tel. +31 181-330000

DECLARATION of PERFORMANCE (DoP)

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

DoP nr.:

SPS.VZ.2025.001-ETA



Table 1:

Product	Length	Characteristic yield moment $M_{y,k}$ [Nmm]		Characteristic withdrawal parameter $f_{ox,k}$ [N/mm ²]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]	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		6,31	1,84
		5187	6252					
Screw $\varnothing$ 5.0 mm	30-120 mm	Smooth part	Threaded part	20,83	18,48		6,95	2,02
		6944	10287					
Screw $\varnothing$ 6.0 mm	36-260 mm	Smooth part	Threaded part	19,29	13,6		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 $f_{head,k}[N/mm^2]$	
	Double flathead	Panhead
Screw $\varnothing 3.0\text{ mm}$	37,22	44,74
Screw $\varnothing 3.5\text{ mm}$	33,45	37,21
Screw $\varnothing 4.0\text{ mm}$	32,13	45,23
Screw $\varnothing 4.5\text{ mm}$	26,19	35,26
Screw $\varnothing 5.0\text{ mm}$	28,14	42,12
Screw $\varnothing 6.0\text{ mm}$	26,08	41,53

DECLARATION of PERFORMANCE (DoP)

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

DoP nr.:

SPS.VZ.2025.001-ETA



Article groups **211, 212, 214, 216, 311, 312, 314, 316, 811, 812, 814, 816, 911, 912, 914, 916**

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	