

DECLARATION of PERFORMANCE (DoP)

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

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



1. Unique identification code of the product type.

QZ, Private label, Fixmart and neutrally packaged zinc-plated chipboard screws in accordance with article groups: **201, 202, 203, 204, 205, 206, 207, 208, 213, 266, 269, 301, 302, 303, 304, 305, 306, 307, 308, 309, 366, 369, 801, 802, 803, 804, 805, 806, 807, 808, 809, 866, 869, 901, 902, 903, 904, 905, 906, 907, 908, 909, 966, 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 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

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):

Strojírenský Zkušební Ústav s.p. (NoBo 1015) Factory
Production Control (FPC) in accordance with EN ISO 9001

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

System 2+

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

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

Not applicable

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, Algemeen Directeur

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

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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

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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	