

MWVZV101



Issued in accordance with the Construction Products Regulation (CPR) 305/2011/EU.
pgb-Europe nv 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:*
MWVZV A2
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:*

Generic type:	Wood screw with full thread and double countersunk head with pozidriv recess
Material:	Stainless steel A2 grade 60 according to EN ISO 3506-1
Service class:	Service class 1, 2 and 3 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for the fastening of constructions and substructures in wood

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium
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: EN 14592:2008 +A1-2012
performed by: HFB Engineering GMBH
Zschortauer Straße 42
04129 Leipzig
under system: 3
and issued: Initial Type Test report n° 311002227/1/2014

DECLARATION OF PERFORMANCE

DoP MWVZV101 page 2 / 5

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		Performance					
		Ø 3	Ø 3,5	Ø 4	Ø 4,5	Ø 5	Ø 6
Characteristic yield moment $M_{y,k}$	[Nmm]	-	-	-	3070	4080	6460
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	24,7	16,2	19,5	26,8	21,6	20,6
Wood density	ρ_k [kg/m ³]	450					
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	36,6	33,3	22,5	21,7	20,5	20,4
Wood density	ρ_k [kg/m ³]	450					
Characteristic tensile capacity $f_{tens,k}$	[kN]	2,05	2,99	3,75	4,91	5,64	7,49
Characteristic torsional strength $f_{tor,k}$	[Nm]	0,86	1,28	2,12	3,03	4,07	6,67
Characteristic torsional resistance $R_{tor,k}$	[Nm]	0,36	0,70	0,75	1,26	2,19	2,65
Characteristic torsional ratio (ρ_k 450 kg/m ³) $f_{tor,k} / R_{tor,k} \geq 1,5$	[-]	2,39	1,83	2,83	2,40	1,86	2,52

Tested according to Harmonized Technical Specification EN 14592 2008+A1:2012.

Timber for testing was conditioned at the temperature of 20°C and humidity of 65%.

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.

Place and date of issue	Signature	
Melle, 5/08/2014	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

Annex 1 : Product overview



Chipboard screw with double countersunk head, pozidriv
with full thread, hardened and waxed

Spaanderplaatschroef dubbel verzonken kop, pozidriv
met volledige draad, gehard en gewaxt



Vis à panneaux double tête fraisée, empreinte pozi
avec filet complet, trempée et lubrifiée

Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb
mit Vollgewinde, gehärtet und gleitbeschichtet







Art. Nr.	EAN code	D [mm]	L [mm]	Z	dk [mm]		
MWVZVK30012 A2	54104390306782	3,0	12	PZ 1	6	200	28800
MWVZVK30016 A2	5410439003018	3,0	16	PZ 1	6	200	28800
MWVZVK30020 A2	5410439003025	3,0	20	PZ 1	6	200	28800
MWVZVK30025 A2	5410439003032	3,0	25	PZ 1	6	200	18000
MWVZVK30030 A2	5410439003049	3,0	30	PZ 1	6	200	18000
MWVZVK30035 A2	5410439003056	3,0	35	PZ 1	6	200	12000
MWVZVK30040 A2	5410439003083	3,0	40	PZ 1	6	200	9600
MWVZVK35012 A2	5410439101714	3,5	12	PZ 2	7	200	28800
MWVZVK35016 A2	5410439003070	3,5	16	PZ 2	7	200	28800
MWVZVK35020 A2	5410439003087	3,5	20	PZ 2	7	200	18000
MWVZVK35025 A2	5410439003094	3,5	25	PZ 2	7	200	18000
MWVZVK35030 A2	5410439003100	3,5	30	PZ 2	7	200	12000
MWVZVK35035 A2	5410439003117	3,5	35	PZ 2	7	200	12000
MWVZVK35040 A2	5410439003124	3,5	40	PZ 2	7	200	7200
MWVZVK40012 A2	5410439107334	4,0	12	PZ 2	8	200	28800
MWVZVK40016 A2	5410439003131	4,0	16	PZ 2	8	200	18000
MWVZVK40020 A2	5410439003148	4,0	20	PZ 2	8	200	18000
MWVZVK40025 A2	5410439003155	4,0	25	PZ 2	8	200	12000
MWVZVK40030 A2	5410439003162	4,0	30	PZ 2	8	200	12000
MWVZVK40035 A2	5410439003179	4,0	35	PZ 2	8	200	9600
MWVZVK40040 A2	5410439003186	4,0	40	PZ 2	8	200	7200
MWVZVK40045 A2	5410439003193	4,0	45	PZ 2	8	200	7200
MWVZVK40050 A2	5410439003209	4,0	50	PZ 2	8	200	7200
MWVZVK40060 A2	5410439104780	4,0	60	PZ 2	8	200	4800
MWVZVK40070 A2	5410439108133	4,0	70	PZ 2	8	200	3200
MWVZVK45016 A2	5410439170000	4,5	16	PZ 2	9	200	18000
MWVZVK45020 A2	5410439003216	4,5	20	PZ 2	9	200	12000
MWVZVK45025 A2	5410439003223	4,5	25	PZ 2	9	200	12000
MWVZVK45030 A2	5410439003230	4,5	30	PZ 2	9	200	9600
MWVZVK45035 A2	5410439003247	4,5	35	PZ 2	9	200	7200
MWVZVK45040 A2	5410439003254	4,5	40	PZ 2	9	200	7200

DECLARATION OF PERFORMANCE

DoP MWVZV101 page 4 / 5



Chipboard screw with double countersunk head, pozidriv
with full thread, hardened and waxed

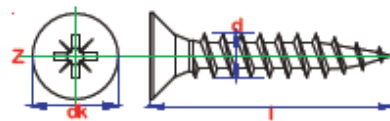
Spaanderplaat Schroef dubbel verzonken kop, pozidriv
met volledige draad, gehard en gewaxt



Vis à panneaux double tête fraisée, empreinte pozi
avec filet complet, trempée et lubrifiée

Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb
mit Vollgewinde, gehärtet und gleitbeschichtet







Art. Nr.	EAN code	D [mm]	L [mm]	Z	dk [mm]		
MWVZVK45045 A2	5410439003261	4,5	45	PZ 2	9	200	7200
MWVZVK45050 A2	5410439003278	4,5	50	PZ 2	9	200	4800
MWVZVK45060 A2	5410439003285	4,5	60	PZ 2	9	200	3200
MWVZVK45070 A2	5410439144131	4,5	70	PZ 2	9	200	3200
MWVZVK50020 A2	5410439003292	5,0	20	PZ 2	10	200	9600
MWVZVK50025 A2	5410439003308	5,0	25	PZ 2	10	200	9600
MWVZVK50030 A2	5410439003315	5,0	30	PZ 2	10	200	7200
MWVZVK50035 A2	5410439003322	5,0	35	PZ 2	10	200	7200
MWVZVK50040 A2	5410439003339	5,0	40	PZ 2	10	200	7200
MWVZVK50045 A2	5410439003346	5,0	45	PZ 2	10	200	4800
MWVZVK50050 A2	5410439003353	5,0	50	PZ 2	10	200	4800
MWVZVK50060 A2	5410439003360	5,0	60	PZ 2	10	200	3200
MWVZVK50070 A2	5410439003377	5,0	70	PZ 2	10	200	2400
MWVZVK50080 A2	5410439003384	5,0	80	PZ 2	10	200	2400
MWVZVK50090 A2	5410439003391	5,0	90	PZ 2	10	200	2400
MWVZVK50100 A2	5410439003407	5,0	100	PZ 2	10	200	1600
MWVZVK50120 A2	5410439229548	5,0	110	PZ 2	10	200	1600
MWVZVK80025 A2	5410439104715	6,0	25	PZ 3	12	200	7200
MWVZVK80030 A2	5410439101721	6,0	30	PZ 3	12	200	7200
MWVZVK80035 A2	5410439101738	6,0	35	PZ 3	12	200	4800
MWVZVK80040 A2	5410439003414	6,0	40	PZ 3	12	200	4800
MWVZVK80045 A2	5410439003421	6,0	45	PZ 3	12	200	3200
MWVZVK80050 A2	5410439003438	6,0	50	PZ 3	12	200	3200
MWVZVK80060 A2	5410439003445	6,0	60	PZ 3	12	200	2400
MWVZVK80070 A2	5410439003452	6,0	70	PZ 3	12	200	2400
MWVZVK80080 A2	5410439003469	6,0	80	PZ 3	12	200	1600
MWVZVK80090 A2	5410439003476	6,0	90	PZ 3	12	200	1600
MWVZVK80100 A2	5410439003483	6,0	100	PZ 3	12	200	1600


MWVZV


Chipboard screw with double countersunk head, pozidriv
with full thread, hardened and waxed, collated

Spaanderplaat Schroef dubbel verzonken kop, pozidriv
met volledige draad, gehard en gewaxt, op band



Vis à panneaux double tête fraisée, empreinte pozi
avec filet complet, trempée et lubrifiée, sur bande

Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb
mit Vollgewinde, gehärtet und gleitbeschichtet, auf Band







Art. Nr.	EAN code	D [mm]	L [mm]	Z	dk [mm]		
MWVZVC40025 A2	5410439238816	4,0	25	PZ 2	8	1000	
MWVZVC40030 A2	5410439238823	4,0	30	PZ 2	8	1000	
MWVZVC40035 A2	5410439238830	4,0	35	PZ 2	8	1000	
MWVZVC40040 A2	5410439238847	4,0	40	PZ 2	8	1000	
MWVZVC40050 A2	5410439238854	4,0	50	PZ 2	8	1000	