

## MWVZG001



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

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1. *Unique identification code of the product-type:*  
**MWVZG**
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:*

<b>Generic type:</b>	Wood screw with partial thread and double countersunk head with pozidriv recess
<b>Material:</b>	Carbon steel ASTM-SAE C1022 (case hardened)
<b>Corrosion protection:</b>	Zinc plating Cr3+, minimum 5 µm above class 24 Yellow zinc plating Cr6+, minimum 5 µm above class 24
<b>Service class:</b>	Service class 1 according to EN 1995-1-1
<b>Fire resistance:</b>	NPD
<b>Reaction to fire:</b>	Classification A1 according to EN13501-1
<b>Intended use:</b>	Mechanical fasteners for the fastening of non-load bearing 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:** STROJIRENSKY ZKUSEBNI USTAV, s.p.  
Hudcova 56b, 621 00 BRNO  
Czech Republic  
<http://www.szutest.cz>  
**under system:** 3  
**and issued:** Initial Type Test report n° 30-9673/1-6

# DECLARATION OF PERFORMANCE

DoP MWVZG001 page 2 / 6

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]	1587	2822	3559	5188 <sup>1</sup> 6994 <sup>2</sup>	6984 <sup>1</sup> 10409 <sup>2</sup>	12043 <sup>1</sup> 17109 <sup>2</sup>
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm <sup>2</sup> ]	19,53 <sup>3</sup> 13,39 <sup>4</sup>	18,01 <sup>3</sup> 14,61 <sup>4</sup>	17,65 <sup>3</sup> 15,33 <sup>4</sup>	18,61 <sup>3</sup> 14,62 <sup>4</sup>	19,15 <sup>3</sup> 18,10 <sup>4</sup>	17,63 <sup>3</sup> 14,56 <sup>4</sup>
Wood density	$\rho_k$ [kg/m <sup>3</sup> ]	400					
Characteristic head pull-through parameter $f_{head,k}$	[N/mm <sup>2</sup> ]	35,37	30,25	23,25	19,92	23,69	25,28
Wood density	$\rho_k$ [kg/m <sup>3</sup> ]	425	480	400	415	505	490
Characteristic tensile capacity $f_{tens,k}$	[kN]	3,26	3,86	5,1	7,06	6,92	10,54
Characteristic torsional ratio ( $\rho_k$ 450 kg/m <sup>3</sup> )	[-]	1,7	2,04	2,04	2,22	2,16	2,36

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%, with dimensions 200x200x120mm.

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, 1/07/2013	 nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

<sup>1</sup> Smooth part

<sup>2</sup> Threaded part

<sup>3</sup> Loading across the fiber

<sup>4</sup> Loading along the fiber

## Annex 1 : Product overview

**Chipboard screw with double countersunk head, pozidriv**  
with partial thread, hardend and waxed

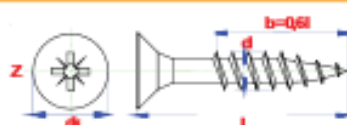
**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met gedeeltelijke draad, gehard en gewaxt



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

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
mit Teilgewinde, gehärtet und gleitbeschichtet

Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZGG30030 GZ	5410439213950	3,0	30	PZ 1	6,0	1000	16000
MWVZGG30035 GZ	5410439213899	3,0	35	PZ 1	6,0	1000	16000
MWVZGG30040 GZ	5410439213905	3,0	40	PZ 1	6,0	1000	12000
MWVZGG30045 GZ	5410439213882	3,0	40	PZ 1	6,0	1000	8000
MWVZGG35030 GZ	5410439213912	3,5	30	PZ 2	7,0	1000	16000
MWVZGG35035 GZ	5410439213929	3,5	35	PZ 2	7,0	1000	12000
MWVZGG35040 GZ	5410439213936	3,5	40	PZ 2	7,0	1000	8000
MWVZGG35045 GZ	5410439213943	3,5	45	PZ 2	7,0	1000	8000
MWVZGG35050 GZ	5410439206440	3,5	50	PZ 2	7,0	500	6000
MWVZGG40030 GZ	5410439213967	4,0	30	PZ 2	8,0	1000	16000
MWVZGG40035 GZ	5410439213974	4,0	35	PZ 2	8,0	1000	12000
MWVZGG40040 GZ	5410439213981	4,0	40	PZ 2	8,0	1000	8000
MWVZGG40045 GZ	5410439213998	4,0	45	PZ 2	8,0	500	8000
MWVZGG40050 GZ	5410439214001	4,0	50	PZ 2	8,0	500	6000
MWVZGG40055 GZ	5410439214018	4,0	55	PZ 2	8,0	500	4000
MWVZGG40060 GZ	5410439206457	4,0	60	PZ 2	8,0	500	4000
MWVZGG40070 GZ	5410439214025	4,0	70	PZ 2	8,0	200	3200
MWVZGG45030 GZ	5410439214070	4,5	30	PZ 2	9,0	1000	12000
MWVZGG45035 GZ	5410439214087	4,5	35	PZ 2	9,0	500	8000
MWVZGG45040 GZ	5410439214032	4,5	40	PZ 2	9,0	500	8000
MWVZGG45045 GZ	5410439214049	4,5	45	PZ 2	9,0	500	6000
MWVZGG45050 GZ	5410439214056	4,5	50	PZ 2	9,0	500	6000
MWVZGG45055 GZ	5410439214094	4,5	55	PZ 2	9,0	500	4000
MWVZGG45060 GZ	5410439206464	4,5	60	PZ 2	9,0	500	4000
MWVZGG45070 GZ	5410439214063	4,5	70	PZ 2	9,0	200	3200
MWVZGG45080 GZ	5410439105651	4,5	80	PZ 2	9,0	200	3200
MWVZGG50030 GZ	5410439214162	5,0	30	PZ 2	10,0	500	8000
MWVZGG50035 GZ	5410439214179	5,0	35	PZ 2	10,0	500	8000
MWVZGG50040 GZ	5410439214100	5,0	40	PZ 2	10,0	500	6000



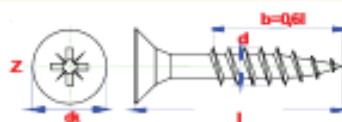
**Chipboard screw with double countersunk head, pozidriv with partial thread, hardend and waxed**



**Spaanderplaatschroef dubbel verzonken kop, pozidriv met gedeeltelijke draad, gehard en gewaxt**

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

**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb mit Teilgewinde, gehärtet und gleitbeschichtet**

Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZGG50045 GZ	5410439214117	5,0	45	PZ 2	10,0	500	6000
MWVZGG50050 GZ	5410439214148	5,0	50	PZ 2	10,0	500	4000
MWVZGG50055 GZ	5410439214124	5,0	55	PZ 2	10,0	500	4000
MWVZGG50060 GZ	5410439214131	5,0	60	PZ 2	10,0	500	3000
MWVZGG50070 GZ	5410439214155	5,0	70	PZ 2	10,0	200	2400
MWVZGG50080 GZ	5410439105774	5,0	80	PZ 2	10,0	200	2400
MWVZGG50090 GZ	5410439105781	5,0	90	PZ 2	10,0	200	2400
MWVZGG50100 GZ	5410439105798	5,0	100	PZ 2	10,0	200	1600
MWVZGG50110 GZ	5410439123801	5,0	110	PZ 2	10,0	200	1600
MWVZGG50120 GZ	5410439123518	5,0	120	PZ 2	10,0	200	1600
MWVZGG60040 GZ	5410439214223	6,0	40	PZ 3	12,0	500	4000
MWVZGG60045 GZ	5410439214230	6,0	45	PZ 3	12,0	500	4000
MWVZGG60050 GZ	5410439214186	6,0	50	PZ 3	12,0	200	3200
MWVZGG60055 GZ	5410439214209	6,0	55	PZ 3	12,0	200	3200
MWVZGG60060 GZ	5410439214193	6,0	60	PZ 3	12,0	200	2400
MWVZGG60070 GZ	5410439214216	6,0	70	PZ 3	12,0	200	2400
MWVZGG60080 GZ	5410439105880	6,0	80	PZ 3	12,0	200	1600
MWVZGG60090 GZ	5410439105897	6,0	90	PZ 3	12,0	200	1600
MWVZGG60100 GZ	5410439105903	6,0	100	PZ 3	12,0	100	1600
MWVZGG60110 GZ	5410439105910	6,0	110	PZ 3	12,0	100	1600
MWVZGG60120 GZ	5410439105927	6,0	120	PZ 3	12,0	100	1200
MWVZGG60130 GZ	5410439105934	6,0	130	PZ 3	12,0	100	1200
MWVZGG60140 GZ	5410439105941	6,0	140	PZ 3	12,0	100	1200
MWVZGG60150 GZ	5410439105958	6,0	150	PZ 3	12,0	100	1200
MWVZGG60160 GZ	5410439107495	6,0	160	PZ 3	12,0	100	1200
MWVZGG60180 GZ	5410439107501	6,0	180	PZ 3	12,0	100	800
MWVZGG60200 GZ	5410439107518	6,0	200	PZ 3	12,0	100	800

# DECLARATION OF PERFORMANCE

DoP MWVZG001 page 5 / 6

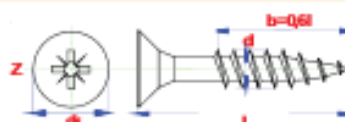
MWVZG

**Chipboard screw with double countersunk head, pozidriv**  
with partial thread, hardend and waxed

**Spaanderplaatschroef dubbel verzonken kop, pozidriv**  
met gedeeltelijke draad, gehard en gewaxt

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**Spanplattenschraube Doppelflachkopf, Pozidriv Antrieb**  
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Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZGG30030 Z	5410439214292	3,0	30	PZ 1	6,0	1000	16000
MWVZGG30035 Z	5410439214308	3,0	35	PZ 1	6,0	1000	16000
MWVZGG30040 Z	5410439214315	3,0	40	PZ 1	6,0	1000	12000
MWVZGG30045 Z	5410439214322	3,0	45	PZ 1	6,0	1000	8000
MWVZGG35030 Z	5410439214247	3,5	30	PZ 2	7,0	1000	16000
MWVZGG35035 Z	5410439214254	3,5	35	PZ 2	7,0	1000	12000
MWVZGG35040 Z	5410439214261	3,5	40	PZ 2	7,0	1000	8000
MWVZGG35045 Z	5410439214278	3,5	45	PZ 2	7,0	1000	8000
MWVZGG35050 Z	5410439214285	3,5	50	PZ 2	7,0	500	6000
MWVZGG40030 Z	5410439214339	4,0	30	PZ 2	8,0	1000	16000
MWVZGG40035 Z	5410439214346	4,0	35	PZ 2	8,0	1000	12000
MWVZGG40040 Z	5410439214353	4,0	40	PZ 2	8,0	1000	8000
MWVZGG40045 Z	5410439214360	4,0	45	PZ 2	8,0	500	8000
MWVZGG40050 Z	5410439214377	4,0	50	PZ 2	8,0	500	6000
MWVZGG40055 Z	5410439214384	4,0	55	PZ 2	8,0	500	4000
MWVZGG40060 Z	5410439214391	4,0	60	PZ 2	8,0	500	4000
MWVZGG40070 Z	5410439214407	4,0	70	PZ 2	8,0	500	4000
MWVZGG45030 Z	5410439214469	4,5	30	PZ 2	9,0	1000	12000
MWVZGG45035 Z	5410439214476	4,5	35	PZ 2	9,0	500	8000
MWVZGG45040 Z	5410439214414	4,5	40	PZ 2	9,0	500	8000
MWVZGG45045 Z	5410439214483	4,5	45	PZ 2	9,0	500	6000
MWVZGG45050 Z	5410439214490	4,5	50	PZ 2	9,0	500	6000
MWVZGG45055 Z	5410439214506	4,5	55	PZ 2	9,0	500	4000
MWVZGG45060 Z	5410439214513	4,5	60	PZ 2	9,0	500	4000
MWVZGG45070 Z	5410439214421	4,5	70	PZ 2	9,0	200	3200
MWVZGG45080 Z	5410439106351	4,5	80	PZ 2	9,0	200	3200
MWVZGG50030 Z	5410439214520	5,0	30	PZ 2	10,0	500	8000
MWVZGG50035 Z	5410439214537	5,0	35	PZ 2	10,0	500	8000
MWVZGG50040 Z	5410439214551	5,0	40	PZ 2	10,0	500	6000

# DECLARATION OF PERFORMANCE

DoP MWVZG001 page 6 / 6

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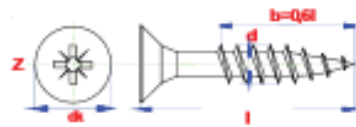
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Art. Nr. [mm]	EAN code	D [mm]	L [mm]	Z [mm]	dk [mm]		
MWVZGG50045 Z	5410439214544	5,0	45	PZ 2	10,0	500	6000
MWVZGG50050 Z	5410439214438	5,0	50	PZ 2	10,0	500	4000
MWVZGG50055 Z	5410439214568	5,0	55	PZ 2	10,0	500	4000
MWVZGG50060 Z	5410439214445	5,0	60	PZ 2	10,0	500	3000
MWVZGG50070 Z	5410439214452	5,0	70	PZ 2	10,0	200	2400
MWVZGG50080 Z	5410439106474	5,0	80	PZ 2	10,0	200	2400
MWVZGG50090 Z	5410439106481	5,0	90	PZ 2	10,0	200	2400
MWVZGG50100 Z	5410439106498	5,0	100	PZ 2	10,0	200	1600
MWVZGG50110 Z	5410439214575	5,0	110	PZ 2	10,0	200	1600
MWVZGG50120 Z	5410439210614	5,0	120	PZ 2	10,0	200	1600
MWVZGG60040 Z	5410439214582	6,0	40	PZ 3	12,0	500	4000
MWVZGG60045 Z	5410439214599	6,0	45	PZ 3	12,0	500	4000
MWVZGG60050 Z	5410439214605	6,0	50	PZ 3	12,0	200	3200
MWVZGG60055 Z	5410439214612	6,0	55	PZ 3	12,0	200	3200
MWVZGG60060 Z	5410439214629	6,0	60	PZ 3	12,0	200	2400
MWVZGG60070 Z	5410439214636	6,0	70	PZ 3	12,0	200	2400
MWVZGG60080 Z	5410439106580	6,0	80	PZ 3	12,0	200	1600
MWVZGG60090 Z	5410439106597	6,0	90	PZ 3	12,0	200	1600
MWVZGG60100 Z	5410439106603	6,0	100	PZ 3	12,0	100	1600
MWVZGG60110 Z	5410439106610	6,0	110	PZ 3	12,0	100	1600
MWVZGG60120 Z	5410439106627	6,0	120	PZ 3	12,0	100	1200
MWVZGG60130 Z	5410439106634	6,0	130	PZ 3	12,0	100	1200
MWVZGG60140 Z	5410439106641	6,0	140	PZ 3	12,0	100	1200
MWVZGG60150 Z	5410439106658	6,0	150	PZ 3	12,0	100	1200
MWVZGG60160 Z	5410439001786	6,0	160	PZ 3	12,0	100	1200
MWVZGG60180 Z	5410439107525	6,0	180	PZ 3	12,0	100	800
MWVZGG60200 Z	5410439001793	6,0	200	PZ 3	12,0	100	800