

MWCZV101



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:*
MWCZV 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 pan 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

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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 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, 1/07/2013	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div> Johannes Heye, product manager 

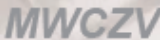
Annex 1 : Product overview


Chipboard screw with pan head, pozidriv
with full thread, hardened and waxed

Spaanderplaatschroef met cilinderkop, pozidriv
met volledige draad, gehard en gewaxt

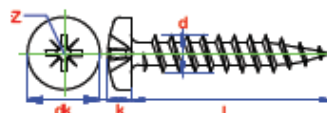
Vis à panneaux tête cylindrique, empreinte pozi
avec filet complet, trempée et lubrifiée



Spanplattenschraube Halbrundkopf, Pozidriv Antrieb
mit Vollgewinde, gehärtet und gleitbeschichtet










Art. Nr.	EAN code	D [mm]	L [mm]	Z	dk [mm]		
MWCZVK30012 A2	5410439111300	3,0	12	PZ 1	6	200	28800
MWCZVK30016 A2	5410439000512	3,0	16	PZ 1	6	200	28800
MWCZVK30020 A2	5410439000529	3,0	20	PZ 1	6	200	16000
MWCZVK30025 A2	5410439000538	3,0	25	PZ 1	6	200	16000
MWCZVK30030 A2	5410439111317	3,0	30	PZ 1	6	200	12000
MWCZVK35012 A2	5410439111324	3,5	12	PZ 2	7	200	28800
MWCZVK35016 A2	5410439000543	3,5	16	PZ 2	7	200	28800
MWCZVK35020 A2	5410439000550	3,5	20	PZ 2	7	200	16000
MWCZVK35025 A2	5410439000567	3,5	25	PZ 2	7	200	16000
MWCZVK35030 A2	5410439000574	3,5	30	PZ 2	7	200	12000
MWCZVK35035 A2	5410439111331	3,5	35	PZ 2	7	200	9600
MWCZVK35040 A2	5410439111348	3,5	40	PZ 2	7	200	7200
MWCZVK40012 A2	5410439111355	4,0	12	PZ 2	8	200	16000
MWCZVK40016 A2	5410439000581	4,0	16	PZ 2	8	200	16000
MWCZVK40020 A2	5410439000598	4,0	20	PZ 2	8	200	16000
MWCZVK40025 A2	5410439000604	4,0	25	PZ 2	8	200	12000
MWCZVK40030 A2	5410439000611	4,0	30	PZ 2	8	200	12000
MWCZVK40035 A2	5410439000628	4,0	35	PZ 2	8	200	9600
MWCZVK40040 A2	5410439000635	4,0	40	PZ 2	8	200	7200
MWCZVK40045 A2	5410439000642	4,0	45	PZ 2	8	200	7200
MWCZVK40050 A2	5410439000659	4,0	50	PZ 2	8	200	7200
MWCZVK45016 A2	5410439111393	4,5	16	PZ 2	9	200	16000
MWCZVK45020 A2	5410439111409	4,5	20	PZ 2	9	200	12000
MWCZVK45025 A2	5410439000666	4,5	25	PZ 2	9	200	12000
MWCZVK45030 A2	5410439000673	4,5	30	PZ 2	9	200	9600
MWCZVK45035 A2	5410439000680	4,5	35	PZ 2	9	200	7200
MWCZVK45040 A2	5410439000687	4,5	40	PZ 2	9	200	7200
MWCZVK45045 A2	5410439111416	4,5	45	PZ 2	9	200	4800
MWCZVK45050 A2	5410439000703	4,5	50	PZ 2	9	200	4800
MWCZVK50020 A2	5410439111423	5,0	20	PZ 2	10	200	9600
MWCZVK50025 A2	5410439111430	5,0	25	PZ 2	10	200	9600





Chipboard screw with pan head, pozidriv
with full thread, hardened and waxed

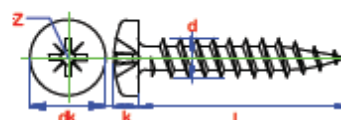
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MWCZVK50030 A2	5410439111447	5,0	30	PZ 2	10	200	7200
MWCZVK50035 A2	5410439000710	5,0	35	PZ 2	10	200	7200
MWCZVK50040 A2	5410439000727	5,0	40	PZ 2	10	200	7200
MWCZVK50045 A2	5410439000734	5,0	45	PZ 2	10	200	4800
MWCZVK50050 A2	5410439000741	5,0	50	PZ 2	10	200	4800
MWCZVK50060 A2	5410439000758	5,0	60	PZ 2	10	200	3200
MWCZVK60040 A2	5410439111454	6,0	40	PZ 3	12	200	4800
MWCZVK60045 A2	5410439111461	6,0	45	PZ 3	12	200	3200
MWCZVK60050 A2	5410439111478	6,0	50	PZ 3	12	200	3200
MWCZVK60055 A2	5410439111485	6,0	55	PZ 3	12	200	3200
MWCZVK60060 A2	5410439111492	6,0	60	PZ 3	12	200	2400
MWCZVK60070 A2	5410439111508	6,0	70	PZ 3	12	200	2400
MWCZVK60080 A2	5410439111515	6,0	80	PZ 3	12	200	1800
MWCZVK60090 A2	5410439111522	6,0	90	PZ 3	12	200	1800
MWCZVK60100 A2	5410439111539	6,0	100	PZ 3	12	200	1200