

PWVTV101



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:*
PWVTV 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 “pfs ⁺ ” with full thread with 4 flutes, double countersunk head with 4 nibs under the head, T-drive 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 4	Ø 4,5
Characteristic yield moment $M_{y,k}$	[Nmm]	1084	3870
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	1,84	3,87
Wood density	ρ_k [kg/m ³]	450	
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	18,9	20,1
Wood density	ρ_k [kg/m ³]	450	
Characteristic tensile capacity $f_{tens,k}$	[kN]	4,15	5,49
Characteristic torsional strength $f_{tor,k}$	[Nm]	2,32	3,85
Characteristic torsional resistance $R_{tor,k}$	[Nm]	1,04	1,42
Characteristic torsional ratio (ρ_k 450 kg/m ³) $f_{tor,k} / R_{tor,k} \geq 1,5$	[-]	2,23	2,71

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

PWVTV

Chipboard screw pfs+ with double countersunk head, T-drive
with 4 ribs under the head, special cutting point type 17, full thread, hardened and waxed

Spaanderplaatschroef pfs+ dubbel verzonken kop, T-drive
met 4 freesribben onder de kop, speciale snijpunt type 17, volledige draad, gehard en gewaxt

Vis à panneaux pfs+ double tête fraisée, empreinte étoile-T
avec 4 nervures sous la tête, pointe coupante type 17, filet total, trempée et lubrifiée



Spanplattenschraube pfs+ Doppelflachkopf, I-Stern Antrieb
4 Fräsribben, Cut-Spitze Typ 17, Gewinde bis Kopf, gehärtet und gleitbeschichtet

A2
inox

A2
inox

CE
EN 14992



Art. Nr.	EAN code	D [mm]	L [mm]	T	dk [mm]		
PWVTVK40025 A2	5410439363891	4,0	25	Tx 10	6	200	12000
PWVTVK40030 A2	5410439363907	4,0	30	Tx 15	7	200	12000
PWVTVK40035 A2	5410439363914	4,0	35	Tx 15	7	200	9600
PWVTVK40040 A2	5410439363921	4,0	40	Tx 15	7	200	7200
PWVTVK45050 A2	5410439363938	4,5	50	Tx 20	9	200	4800