

PFWHVG



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:*
PFWHVG
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:	Tropical wood screw “pfs ⁺ ” with partial thread, reduced countersunk head with 4 ribs and brown painted head, square recess.
Material:	AISI 410
Service class:	Service class 3 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Mechanical fasteners for the fastening of wooden constructions like terraces and deckings

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° 311002167/1/2013

DECLARATION OF PERFORMANCE

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 5
Characteristic yield moment $M_{y,k}$	[Nmm]	7070
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	23,4 ¹
Wood density	ρ_k [kg/m ³]	23,7 ²
		450
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	14,8
Wood density	ρ_k [kg/m ³]	450
Characteristic tensile capacity $f_{tens,k}$	[kN]	9,65
Characteristic torsional strength $f_{tor,k}$	[Nm]	6,15
		1,32 ³
Characteristic torsional resistance $R_{tor,k}$	[Nm]	1,69 ⁴
Characteristic torsional ratio (ρ_k 450 kg/m ³)	[-]	4,7 / 3,6

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

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, 10/10/2013		Johannes Heye, product manager



Annex 1 : Product overview

PWHVG

Tropical hardwood screw with brown painted head, square recess
 head 60° with 4 ribs, milling segment on the shank, special cutting point type 17, partial thread, hardened and passivated bright

Hardhoutschroef met bruin gekleurde kop, vierkante indruk
 kop 60° met 4 freesribben, freesribben op de schacht, speciale snijpunt type 17, gehard en gewaxt



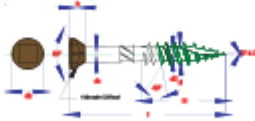
Vis pour bois dur tropique avec tête laquée brune, empreinte carrée
 tête réduite 60°, avec 4 nervures sous la tête et nervures sur le corps, pointe coupante type 17, filet partiel, trempée et lubrifiée



Hartholzschrauben mit gefarbtm Senkkopf, Vierkantantrieb
 Kopf 60° mit 4 Fräsribben und Fräsribben auf dem Schaft, Cut-Spitze Typ 17, Teilgewinde, gehärtet und gleitbeschichtet







Art, Nr, [mm]	EAN code	D [mm]	L [mm]	V [mm]	dk [mm]		
PWHVGG50050 C2B	5410439435866	5,0	50	SQ 3	7,5	200	4800
PWHVGG50060 C2B	5410439435873	5,0	60	SQ 3	7,5	200	3200