

## PFWDTG



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:*  
**PFWDTG 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:*

<b>Generic type:</b>	Tropical wood screw "PFS" with double thread, reduced countersunk head with 4 ribs, T-drive recess.
<b>Material:</b>	Stainless steel A2 grade 70
<b>Service class:</b>	Service class 3 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 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° 311002358/1A/2015 + 311002542/1/2017

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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	Ø 5
Characteristic yield moment $M_{y,k}$	[Nmm]	2500	4320	7100
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm <sup>2</sup> ]	36,5 <sup>1</sup>	40,5 <sup>2</sup>	41,1 <sup>3</sup>
Wood density	pk [kg/m <sup>3</sup> ]	660	786	790
Characteristic head pull-through parameter $f_{head,k}$	[N/mm <sup>2</sup> ]	53	65	76,9
Wood density	pk [kg/m <sup>3</sup> ]	724	779	790
Characteristic tensile capacity $f_{tens,k}$	[kN]	4,92	6,07	7,7

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, 27/11/2017	Johannes Heye, product manager 

<sup>1</sup> Screwed in at 25mm

<sup>2</sup> Screwed in at 35mm

<sup>3</sup> Screwed in at 30mm in Bangkirai, predrilled with 3,8mm.

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## Annex 1 : Product overview

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Ø [mm]	l [mm]	Art. Nr.	EAN code	TX	dk [mm]		
<b>STANDARD PACKING - STANDAARDVERPAKKING - EMBALLAGE STANDARD - NORMALPACKUNG</b>							
4,0	40	PWDTGG40040 A2	5410439474269	TX 15	6	200	7200
	50	PWDTGG45050 A2	5410439474276	TX 20	7	200	7200
4,5	60	PWDTGG45060 A2	5410439474283	TX 20	7	200	4800
	70	PWDTGG45070 A2	5410439474290	TX 20	7	200	3200
5,0	40	PWDTGG50040 A2	5410439474306	TX 25	7,5	200	7200
	50	PWDTGG50050 A2	5410439474313	TX 25	7,5	200	4800
	60	PWDTGG50060 A2	5410439474320	TX 25	7,5	200	3200
	70	PWDTGG50070 A2	5410439474337	TX 25	7,5	200	3200
	80	PWDTGG50080 A2	5410439474344	TX 25	7,5	200	3200