

PFSBS001



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:*
PFSBS
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 with green lubricant, reduced countersunk head with 4 ribs, T-drive recess.
Material:	AISI 316 A4-60
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

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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 5,5
Characteristic yield moment $M_{y,k}$	[Nmm]	5720
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	27,2 ¹
Wood density	ρ_k [kg/m ³]	19,6 ²
		450
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	22,1
Wood density	ρ_k [kg/m ³]	450
Characteristic tensile capacity $f_{tens,k}$	[kN]	7,2
Characteristic torsional strength $f_{tor,k}$	[Nm]	6,44
Characteristic torsional resistance $R_{tor,k}$	[Nm]	1,47 ³
		2,45 ⁴
Characteristic torsional ratio (ρ_k 450 kg/m ³)	[-]	4,4/ 2,6

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	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 

¹ Loading across the fiber

² Loading along the fiber

³ Threaded part

⁴ Shaft

Annex 1 : Product overview

pfs⁺ - screw
PFSBS


Tropical hardwood screw with small head, T-drive
head 60° with 4 ribs, special cutting point type 17, green lubricant, partial thread, waxed

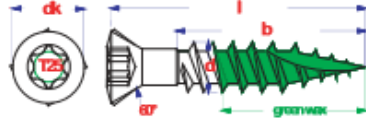
Hardhoutschroef met kleine kop, T-drive
kop 60° met 4 freesribben, speciale snijpunt type 17, groen glijmiddel, gewaxt



Vis pour bois dur tropique avec tête petite, empreinte étoile-T
tête reduite 60°, avec 4 nervures sous la tête, pointe coupante type 17, lubrifiant vert, filet partiel, lubrifiée

Hartholzschrauben mit Senkkopf, I-Stern Antrieb
Kopf 60° mit 4 Fräsribben, Cut-Spitze Typ 17, Teilgewinde grün gefärbt und gleitbeschichtet





Art, Nr, [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]		
PFSBS,055060A4	5410439426046	5,5	60	TX 25	7,0	200	3200