

PFETTG



Issued in accordance with the Construction Products Regulation (CPD) 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:*
PFETTG 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 construction screw with cutting point, partial thread with flutes and milling segment on the shank, flange head, T-drive recess
Material:	Stainless steel A2 grade 50 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 load-bearing timber structures

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

DoP PETTG101 page 2 / 3

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 8
Characteristic yield moment $M_{y,k}$	[Nmm]	20040
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	22,3 ¹
Wood density		17,8 ²
	ρ_k [kg/m ³]	450
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	14,3
Wood density		
	ρ_k [kg/m ³]	450
Characteristic tensile capacity $f_{tens,k}$	[kN]	13,80
Characteristic torsional strength $f_{tor,k}$	[Nm]	19,64
		4,22 ³
Characteristic torsional resistance $R_{tor,k}$	[Nm]	7,39 ⁴
Characteristic torsional ratio (ρ_k 450 kg/m ³)	[-]	4,6 / 2,7

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, 10/10/2013	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

Annex 1 : Product overview

PETTG

Wood construction screws with flange head, T-drive
milling segment on the shank, coarse thread, special cutting pointe type 17, hardened and waxed

Houtconstructieschroef met flenskop, T-drive
met freesribben op de schacht, grove draad, speciale snijpunt type 17, gehard en gewaxt

Vis pour constructions en bois tête disque, empreinte étoile-T
avec nervures sur le corps, filet large, pointe coupante type 17, trempée et lubrifiée

Holzbauschraube mit Tellerkopf, I-Stern Antrieb
mit Fräsribben auf dem Schaft, Grobgewinde, Cut-Spitze Typ 17, gehärtet und gleitbeschichtet

A2

inox

EN 14592

Art, Nr, [mm]	EAN code	D [mm]	L [mm]	T [mm]	dk [mm]	lg [mm]		
PETTGKD80080A2	5410439342117	8,0	80	Tx 40	25,0	80	50	800
PETTGKD80100A2	5410439342124	8,0	100	Tx 40	25,0	80	50	600
PETTGKD80120A2	5410439342131	8,0	120	Tx 40	25,0	80	50	600