

PDCTG001



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:*
PDCTG
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 double thread for roof insulation (sarking), cylinder head, T-drive recess
Material:	Carbon steel ASTM-SAE 10B21 (case hardened)
Corrosion protection:	Zinc plating Cr3+, minimum 8 µm, according to ISO 2081
Service class:	Service class 2 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for sarking

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° 311002455/1/2016


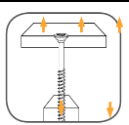
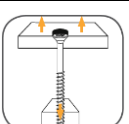
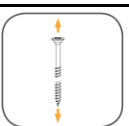


DECLARATION OF PERFORMANCE

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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 8
	$M_{y,k}$	Characteristic yield moment	[Nm]	29,9
	$f_{ax,k}$	Characteristic withdrawal parameter	[N/mm ²]	10,9 ¹
	ρ_k	Wood density	[kg/m ³]	371
	$f_{head,k}$	Characteristic head pull-through parameter	[N/mm ²]	35,7
	ρ_k	Wood density	[kg/m ³]	505
	$f_{tens,k}$	Characteristic tensile capacity	[kN]	24,78
	$f_{tor,k}$	Characteristic torsional strength	[Nm]	26,67
	$R_{tor,k, thread}$	Characteristic insertion moment	[Nm]	6,40
	$R_{tor,k, shaft}$	Characteristic insertion moment	[Nm]	10,55
	ρ_k	Wood density	[kg/m ³]	450
	$f_{tor,k} / R_{tor,k}$	Characteristic torsional ratio	[-]	4,2 2,5

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

¹ Screw-in depth 58mm

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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, 15/11/2016	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 

Annex 1 : Product overview

PDCTG

Roofing screw with double thread, T-drive

cylinder head, milling ribs on the shank, cutting point type 17

Dakconstructieschroef met dubbele schroefdraad, T-drive

cylinderkop, freesribben op de schacht, snijpunt 17

Vis pour construction toiture avec double filet, empreinte étoile-T

tête cylindrique, nervures sur le corps, pointe coupante type 17

Dachschraube mit Doppelgewinde, I-Stern Antrieb

Zylinderkopf, Teilgewinde mit Schabenut, Spitze Typ 17



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Ø [mm]	l [mm]	Art. Nr.	EAN code	TX	L1 [mm]	
STANDARD PACKING - STANDAARDVERPAKKING - EMBALLAGE STANDARD - NORMALPACKUNG						
8,0	165	PDCTGK080165Z	5410439476881	TX 40	80	50
	195	PDCTGK080195Z	5410439476898	TX 40	80	50
	225	PDCTGK080225Z	5410439321112	TX 40	100	50
	235	PDCTGK080235Z	5410439321129	TX 40	100	50
	255	PDCTGK080255Z	5410439321310	TX 40	100	50
	275	PDCTGK080275Z	5410439321327	TX 40	100	50
	300	PDCTGK080300Z	5410439323116	TX 40	100	50
	335	PDCTGK080335Z	5410439323123	TX 40	100	50
	365	PDCTGK080365Z	5410439323130	TX 40	100	50
	395	PDCTGK080395Z	5410439323147	TX 40	100	50
	435	PDCTGK080435Z	5410439323178	TX 40	100	50
470	PDCTGK080470Z	5410439476904	TX 40	100	50	