

PFS-M001



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:*
PFS-M
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:	MDF screw "pfs ⁺ " with partial thread with green lubricant and 4 flutes, small countersunk head with 4 ribs under the head, pozidriv recess.
Material:	Carbon steel ASTM-SAE C1022 (case hardened)
Corrosion protection:	Zinc plating Cr3+, minimum 5 µm above class 24
Service class:	Service class 1 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Mechanical fasteners for use in MDF-board

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° 311002246/1/2014

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 3,5	Ø 4	Ø 4,5
Characteristic withdrawal parameter $f_{ax,k}$ Wood density	[N/mm ²]	21,3	18,7	18,6
	ρ_k [kg/m ³]	465	522	474
Characteristic head pull-through parameter $f_{head,k}$ Wood density	[N/mm ²]	21,1	19,8	19,2
	ρ_k [kg/m ³]	582	581	580

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

Timber for testing (MDF 16mm) was conditioned at the temperature of 20°C and humidity of 65%

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, 8/08/2014	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div> Johannes Heye, product manager 

Annex 1 : Product overview

PFS-M,035030Z	GZ0S-M035045	GZ1S-M035050
PFS-M,035045Z	GZ0S-M035050	GZ1S-M040040
PFS-M,035050Z	GZ0S-M040040	GZ1S-M040045
PFS-M,040040Z	GZ0S-M040045	GZ1S-M040050
PFS-M,040045Z	GZ0S-M040050	GZ1S-M040060
PFS-M,040050Z	GZ0S-M040060	GZ1S-M045045
PFS-M,040060Z	GZ0S-M045045	GZ1S-M045050
PFS-M,045045Z	GZ0S-M045050	
PFS-M,045050Z	GZ1S-M035045	