



DECLARATION OF PERFORMANCES



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PFM-CS (EN)

1. Unique identification code of the product-type:

MDF screw PFS+ :

- PFMVTG : 60° Countersunk head, T-drive recess, partial thread (replace DOP PMVTG001)
- PFFS-M : 60° Countersunk head, Pozidriv recess, partial thread (replace DOP PFS-M001)

2. Intended use(s) :

Product	Intended use
MDF screws	Self-tapping screw to be used for structural connections in timber constructions specially designed for MDF boards

3. Manufacturer:

pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium

4. AVCP system:

System 3

5. Harmonized norm and notified body:

Norm: EN 14592:2008+A1:2012
Report: Initial Type Test report n° 311002246/1/2014
Performed by: HFB Engineering GMBH - Zschortauer Straße 42 - 04129 Leipzig - Germany
Notified body : CE 1034

6. Declared performances :

See next pages

The performances of the product identified above are in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above in accordance with the EU Construction Product Regulation N° 305/2011.



Place and date of issue	Signed for and on behalf of the manufacturer by	
Melle, 03/01/2024	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 



Declared performances:

Generic type:	MDF screw "pfs+" with partial thread and 4 flutes, small countersunk head with 4 ribs under the head, t-drive 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

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

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%

