

FG159



Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU.
pgb-Europe nv hereby declares that the products mentioned below comply with the requirements of:

EN 14545:2009 : Timber structures – Connectors - Requirements

1. *Unique identification code of the product-type:*
FG159
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:	<i>Flat connector</i>
Material:	<i>Steel S250GD, S350GD</i>
Corrosion protection:	<i>Hot-dip galvanized $\geq 275\text{g/m}^2$</i>
Service class:	<i>Service class I and II</i>
Intended use:	<i>Wood connector</i>

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
Gutzeit Verbindungssysteme GmbH & Co., Rudolf-Diesel-Strasse 1, D-58730 Fröndenberg, Industriegebiet
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 2+

DECLARATION OF PERFORMANCE

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7. In case of the declaration of performance concerning a construction product covered by a harmonized

standard: EN 14545:2009
performed by: Karlsruher Institut für Technologie (KIT)
under system: 2+
and issued: 0769-CPD-6075

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

NOT RELEVANT

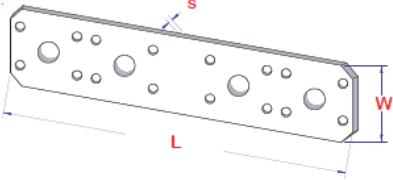
9. Declared performance:

Essential characteristics	Declared performance	Guideline
Mechanical strength: characteristic yield strength (Steel thickness 3mm)	$R_m \geq 330 \text{ N/mm}^2$	EN14545:2009, part 6.3.3
Mechanical stiffness: steel relative elongation at break	$A_{80} \geq 19\%$	EN14545:2009, part 6.3.3
Material	Steel S 250GD, S350GD	EN 10346:2009
Durability	Hot-dip galvanized $\geq 275\text{g/m}^2$	EN 10346:2009

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 pgb-Europe nv.

Place and date of issue	Signature
Melle, 09/05/2014	<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

Steel		www.pgb-europe.com			€
FLAT CONNECTOR heavy type		KOPPELPLAAT zware uitvoering			FG159 Flat connector
Material : Steel		Materiaal : Staal Oppervlak : sendzimir verzinkt			
Surface : sendzimir zinc plated		PLATINNE D'ASSEMBLAGE type lourd			
		Matière : Acier Surface : zingué sendzimir			
		FLACHVERBINDER schwer			
		Material : Stahl Oberfläche : Sendzimir verzinkt			
Price / 1 Prijs - Prix - Preis / 1		Dimensions in mm Afmetingen in mm - Dimensions en mm - Abmessungen in mm			Packing Unit Verpakking / Emballage / Packung
Art.Nr	EAN Nr.	s	W	L	
FG159,040100Z	5410439322201	3,00	40,00	100	***** 100
FG159,040180Z	5410439322249	3,00		180	***** 100
FG159,055140Z	5410439322225	3,00	55,00	135	***** 50
FG159,065176Z	5410439322263	3,00	65,00	176	***** 50
FG159,090195Z	5410439322287	3,00	90,00	200	***** 50