

## FG160



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

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1. *Unique identification code of the product-type:*  
**FG160**
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:*

<b>Generic type:</b>	<i>Flat connector</i>
<b>Material:</b>	<i>Steel S250GD, S350GD</i>
<b>Corrosion protection:</b>	<i>Hot-dip galvanized <math>\geq 275\text{g/m}^2</math></i>
<b>Service class:</b>	<i>Service class I and II</i>
<b>Intended use:</b>	<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 2mm)	$R_m \geq 330 \text{ N/mm}^2$	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 

# DECLARATION OF PERFORMANCE

## Annex 1 : Product overview

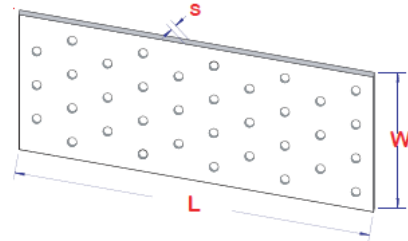
Steel [www.pgb-europe.com](http://www.pgb-europe.com) €

### ANCHOR PLATE

Material : Steel  
Surface : sendzimir zinc plated

VERBINDINGSPLAAT  
Materiaal : Staal  
Oppervlak : sendzimir verzinkt  
PLATINNE D'ASSEMBLAGE  
Matière : Acier  
Surface : zingué sendzimir  
LOCHPLATTEN  
Material : Stahl  
Oberfläche : sendzimir verzinkt

### FG160 Anchor plate



Art.Nr	EAN Nr.	s	Dimensions in mm			Packing Unit
			W	L		
Price / 1 Prijs - Prix - Preis / 1		Afmetingen in mm - Dimensions en mm - Abmessungen in mm			Verpakking / Emballage / Packung	
FG160,040060Z	5410439322300	2,00	40,00	60	*****	200
FG160,040080Z	5410439359597	2,00		80	*****	100
FG160,040100Z	5410439359610	2,00		100	*****	100
FG160,040120Z	5410439322324	2,00		120	*****	100
FG160,040160Z	5410439392860	2,00		160	*****	100
FG160,040200Z	5410439568562	2,00		200	*****	100
FG160,040240Z	5410439322348	2,00		240	*****	100
FG160,060140Z	5410439322362	2,00	60,00	140	*****	50
FG160,060200Z	5410439322386	2,00		200	*****	50
FG160,060240Z	5410439322409	2,00		240	*****	50
FG160,080200Z	5410439322423	2,00	80,00	200	*****	50
FG160,080240Z	5410439322447	2,00		240	*****	50
FG160,080300Z	5410439359658	2,00		300	*****	25
FG160,100140Z	5410439568630	2,00	100,0	140	*****	50
FG160,100200Z	5410439359672	2,00		200	*****	50
FG160,100240Z	5410439359696	2,00		240	*****	50
FG160,100300Z	5410439568647	2,00		300	*****	25