

15048001



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 15048 Parts 1-2: Non-Preloaded Structural Bolting Assemblies

1. *Unique identification code of the product-type:*
15048
2. *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*



Label HDG



Label Zp



3. *Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:*

Generic type:	Non preloaded structural bolting. Bolt: ISO 4017 – 4014 Nut: ISO 4032
Material:	Bolt grade: Carbon steel / Alloy steel Grade 8.8 Nut grade: Carbon steel / Alloy steel Grade 8
Corrosion protection:	Zinc plating Cr3+, minimum 5 µm Hot Dip Galvanizing, minimum 45 µm
Service class:	Zp: Service class 1 according to EN 1995-1-1 Hdg: Service class 1 and 2 according to EN 1995-1-1
Intended use:	Structural bolting assemblies for use in steel structures according to EN 1090-2.

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 2+



DECLARATION OF PERFORMANCE

DoP 15048001 (rev.02) page 2 / 2

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

standard: EN 15048-1 : 2016 (General requirement)
EN 15048-2 : 2016 (Suitability test)
performed by: TÜV Rheinland LGA Bautechnik GmbH
Tillystraße 2 – 90431 Nürnberg
NoBo n°: 0780
under system: 2+
and issued: 0780-CPR-152097

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:

Product type	Essential characteristic		Harmonized standard
Screw ISO 4014 / ISO 4017	Type	SB	EN 15048-1:2016
	Property class	8.8	
	Impact strength	$K_{V,min}^1 = 27J$	
	Tolerance	C ²	
	Thread tolerance	6g	
Nut ISO 4032	Type	SB	EN 15048-1:2016
	Property class	8	
	Tolerance	B ³	
	Thread tolerance	6H / 6AZ	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of pgb-Europe nv.

Place and date of issue	Signature	
Melle, 02/01/2018	<div style="border: 1px solid black; padding: 2px;">nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396</div>	Johannes Heye, product manager 

¹ Values are determined at a test temperature of -20°C, applies to d ≥ M16.

² Except dimensions c and r

³ Except dimensions m and c