

14399001



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 14399: High-strength structural bolting assemblies, type HR and HV

1. *Unique identification code of the product-type:*
14399-3 (HR), 14399-4 (HV)
2. *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See box label



Label HDG

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

Generic type:	Preloaded structural bolting.
Material:	Bolt grade: Carbon steel / Alloy steel Grade 10.9 Nut grade: Carbon steel / Alloy steel Grade 10
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:	M12 to M30: 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:*
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DECLARATION OF PERFORMANCE

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System 2+

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

standard: EN 14399-1:2015
performed by: TÜV Rheinland LGA Bautechnik GmbH
 Tillystraße 2 – 90431 Nürnberg
 NoBo n°: 0780
under system: 2+
and issued: 0780-CPR-172114

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	Type	HR or HV	EN 14399-1:2015
	Property class	10.9	
	Impact strength	$K_{V,min} = 27J$	
	Tolerance	C ¹	
	Thread tolerance	6g	
Nut	Type	HR or HV	EN 14399-1:2015
	Property class	10	
	Tolerance	B ²	
	Thread tolerance	6H / 6AZ	
Washer	Hardness	300-370 HV	EN 14399-1:2015
	Tolerance	A	
Tightening torque method	Class	K2 (HR) $0,10 \leq k_m \leq 0,23$ $V_k \leq 0,06$	EN 14399-1:2015
		K1 (HV) $0,10 \leq k_i \leq 0,16$	

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, 07/12/2017	<div style="border: 1px solid black; padding: 5px;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div>	Johannes Heye, product manager 

¹ Except dimensions c and r

² Except dimensions m and c