



## Declaration of Performance

No.: 1120-1520

EN ISO 6892-1:2009

1. Product Type: Unique identification code of the Product Type:	Brickfix Helical Bar
2. Type Batch or serial Number or any other element allowing identification of the construction product as required under Article 11(4):	Brickfix Helical Bar 6mm 1120-01/1520-01 length 1.000mm - 10.000mm Brickfix Helical Bar 8mm 1120-02/1520-02 length 1.000mm - 10.000mm Brickfix Helical Bar 10mm 1120-03/1520-03 length 1.000mm - 10.000mm
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as provided by the manufacturer.	The product Brickfix Helical Bar is a symmetrical construction product, used in accordance as a helical stainless steel reinforcing wire for structural applications, used for bed joint reinforcement, connection of construction units and used for connections between external and internal parts of cavity walls.
4. Name, company, registered trade name or contact address of the manufacturer as required under Article 11(5):	Brickfix Helical Bar ®  Safeguard Europe Ltd., Redkiln Close, Redkiln Way, Horsham, West Sussex, RH13 5QL, United Kingdom
5. Contact Address Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	Safeguard Europe Ltd., Redkiln Close, Redkiln Way, Horsham, West Sussex, RH13 5QL, United Kingdom  Tel: +44 1403 210204 Fax: +44 1403 217529 Web: <a href="http://www.safeguardeurope.com">www.safeguardeurope.com</a> Email: <a href="mailto:info@safeguardeurope.com">info@safeguardeurope.com</a>
6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR Annex V:	System 3. ISO 9001:2015 No.: 03 QMS 1997e
7. Notified body (Harmonised EN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	Imperial College of Science, London Issued Protocol number Hex M6(8/10)-T1-T6 ITB Katowice NB1488 Issued Protocol number LOK 1118-A-08 EN ISO 6892-1:2009 EN 845-1:2013+A1:2016 EN 846-5:2012, EN 846-7:2012
8. Notified body (ETA) In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	Not relevant (see 7)

## 9. Declaration of performance

### Product dimensions

Dimension mm	Types
Length	1.000mm to 10.000mm
Diameter	6mm, 8mm, 10mm
Pitch	25±1 mm, 30±1 mm, 50±1 mm

### Durability

Type	Coating
Brickfix Helical Bar	Austenitic Stainless Steel



Information and regulated characteristics:

When the mentioned products are used in accordance with the instructions on the product installation leaflet, the product gives the characteristics as mentioned in the table below.

Brickfix Helical Bar / Characteristics			
Intended use	Structural Application		
Material	1.4301/1.4567 or 1.4401/1.4404		
Ultimate Tensile Strength	Diameter 6mm – 8620 N, Diameter 8mm – 11010 N, Diameter, 10mm – 15130 N		
Profile Size mm	Area mm <sup>2</sup>	Yield Point N/mm <sup>2</sup>	E - Modul G Pa
6	7.4	957	156.269
8	10	1013	148.813
10	13	955	146.114
Overlap Length	500mm		
Test Results (Tensile Loads)	Described in Report Hex M6(8/10) - T1-T6		
Compressive Load	Calculated according to EN 1996		
Bond strength	Described in Report LOK-1118-A-08		
Water penetration resistance	Resistant		
Dangerous substances	No		

## 10. Declaration:

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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

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