



Declaration of Performance

No.: TC-1120-1520

EN ISO 6892-1:2009

1. Product Type: Unique identification code of the Product Type:	SURETWIST TC
2. Type Batch or serial Number or any other element allowing identification of the construction product as required under Article 11(4):	SURETWIST 7TC 1120-09 / 1520-09 length 1.000mm - 10.000mm SURETWIST 8TC 1120-S02/1520-S02 length 1.000mm - 10.000mm SURETWIST 9TC 1120-10 / 1520-10 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 SURETWIST TC 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):	SURETWIST TC ® Brutt Saver Hungary Kft. Pipis Hegy, 3200 Gyöngyös Hungary
5. Contact Address Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	Construction Products Solutions International Ltd. Unit 3 Haslemere Industrial Estate, Pig Lane, Bishops Stortford, Herts, CM23 3HG, United Kingdom Tel +44 (0) 1279 505514 Fax +44 (0) 1279 755190
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 London, England Approval number TC-T1-T6 regarding a statement on the structural products properties subject to the standard 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	7mm, 8mm , 9mm
Pitch	30±1 mm, 30±1 mm, 50±1 mm

Durability

Type	Coating
SURETWIST TC	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.

SURETWIST / Characteristics			
Intended use	Structural Application		
Material	1.4301/1.4567 or 1.4401/1.4404		
Tensile strength	7TC - 11370 N 8TC - 12420 N 9TC - 15790 N		
Profile Size mm	Area mm ²	Yield Point N/mm ²	E - Modul G Pa
7TC	9	1094	150
8TC	12	855	150
9TC	14	953	159
Overlap Length	500mm		
Test Results (Tensile Loads)	Described in Report, TC-T1-T6		
Compressive Load	Described in Report, HexTC-C1-C9		
Bond strength	Described in Report, TC-T1-T6		
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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