



DECLARATION OF PERFORMANCE

No. 004CPR06-04-2018

1. Unique identification code of the product-type:

StarTurn

**Rapiersstar product type code: Head; C,P. Recess; P,T. Thread; F,P.
Dimensions: Diameter x Length
Product finish code: S,Y,Z.**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Carbon Steel

**Manufacturing alpha numeric batch identification on packaging label
If practicable, Rapiersstar 'Tri-thread' symbol stamped into head component of product**

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

'Universal Screw' for Timber Structures.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Rapiersstar (Imports) Ltd.
Star Business Park
Congleton Road
Macclesfield SK11 9JA**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Rapiersstar (Imports) Ltd.
Star Business Park
Congleton Road
Macclesfield SK11 9JA**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

BS EN 14592:2008

The manufacturer shall carry out factory production control and the Notified Body CZ3 Engineering Test Institute carried out determination of the product type on the basis of Initial Type Testing and descriptive documentation of the product and issued the Initial Type Testing/Final Report certificates no: J-30-20245-12, J-30-20246-12, J-30-20247-12, J-30-20248-12, J-30-20249-12.



8. Declared performance

Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]		Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio	Harmonised or UK technical specification
		loading across the fibre	loading along the fibre	flat head	pan head			
-	-					-	-	-
Screws ϕ 3.5 mm	3 027	17,47	9,89	27,24	32,10	4,10	2,91	EN14592: 2008
Screws ϕ 4.0 mm	4 714	18,41	11,93	27,81	37,41	6,80	3,13	
Screws ϕ 4.5 mm	4 655	17,49	11,12	26,19	30,88	7,33	2,82	
Screws ϕ 5.0 mm	6 618	16,45	10,58	26,56	28,38	8,70	2,91	
Screws ϕ 6.0 mm	10 157	15,86	13,58	23,60	27,61	10,28	3,16	
Durability (corrosion protection)	Zn3 plated and passivated Service Class 1 acc. to EN 1995-1-1 (EN 1670: Grade 3)							
Dangerous substances	None							
StarTurn fasteners are free from any harmful emission or migration into the environment during normal intended use and there is no risk to health or hygiene if handled with basic safety in mind.								

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

David Furness

.....
(name)

Managing Director

.....
(function)

Rapiertstar Ltd., 12/03/18

.....
(place and date of issue)

.....
(signature)