



### DECLARATION of PERFORMANCE

According to Annex III of the regulation (EU) Nr. 305/2011  
(construction product regulation)  
TOB\_DoP\_87\_E\_14592\_Quadra Speed facade 9007

**TOBSTEEL GmbH**  
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**SEPARATES THE SPECIALISTS**

1.) Unique identification code of the product-type:  
*Quadra-Speed, pan head timber screws, cut point*

2.) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
*Art. 9002 - lot number are displayed on the packaging*

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

Generic type	<i>Pan head screw with cut point</i>
For use in	<i>Self-tapping screws for use in timber construction</i>
Loading	<i>Static or quasi-static loading</i>
Material	<i>Stainless steel – A2 = 1.4567 see label A2 Stainless steel – A4 = 1.4401 see label A4</i>
Covered sizes	<i>Ø 4,0/4,5 and 5,0mm</i>

4.) Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
*TOBSTEEL GmbH, Rudolf-Diesel-Str. 8, 74613 Öhringen, Germany*

5.) Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  
*Not applicable*

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 harmonized standard:  
*Not applicable On the basis of EN 14592:2008, has the place 1034 (HFB Engineering GmbH, Zschortauer Str.42 04129 Leipzig, Germany) after the system 3 performed.  
WPK: Production site 3/ Production site 11/ Production site 12*

8.) In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
*Not applicable*

**Bankverbindung / Bank account:**  
Sparkasse Hohenlohekreis  
Commerzbank Heilbronn

**IBAN:**  
DE03 6225 1550 0220 0118 93  
DE65 6204 0060 0319 0055 00

**Swift-Code:**  
SOLADES1KUN  
COBADEFF620

**Geschäftsführer / CEO:** Tobias Schäfer

**Registergericht / Register court:** Stuttgart HRB 581115

**Gerichtsstand / Court of jurisdiction:** Öhringen



9.) Declared performance:

CHARACTERISTIC	Measure	PERFORMANCE			HEN
		Dimension			
	[mm]	Ø 4,0	Ø 4,5	Ø 5,0	
Characteristic yield moment $M_{y,k}$	[Nm]	3,38	4,04	7,03	14592
Characteristic tensile strength $f_{tens,k}$	[KN]	4,268	4,521	6,441	14592
Characteristic withdrawal parameter $f_{ax,k}$ diagonally (tangential) to fiber drift length (radial) to the fiber drift	[N/mm <sup>2</sup> ]	17,0	18,6	13,5	14592
		16,0	17,2	12,1	14592
Characteristic density of wood based	[Kg/m <sup>3</sup> ]	450 *	450 *	450 *	
Characteristic head pull-through parameter $f_{head,k}$	[N/mm <sup>2</sup> ]	18,0	21,0	20,6	14592
Characteristic density of wood based	[Kg/m <sup>3</sup> ]	450 *	450 *	450 *	
Charakteristische Torsions relation $f_{tor,k} / R_{tor,k}$	(min.1,5)	1,88	1,63	1,70	14592
Characteristic density of wood based	[Kg/m <sup>3</sup> ]	450 *	450 *	450 *	
Corrosion protection to eurocode 5 usage class	Class				

**\*The results were corrected by the correction factor K= 450 Kg/m<sup>3</sup> density of wood based**

10.) The performance of the product according to paragraph Nr 1 and 2 corresponds to the declared performance in Nr. 9. Responsible for creating this product performance is only the manufacturer according to Nr. 4.

Signed for and on behalf of the manufacturer by:

Ralf Schmidt  
Leader product management

Öhringen, 19.09.2014

signature

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