



Declaration of Performance 4

1. Unique identification code of the product-type:	Wood screw TRT																																
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): l_g = Thread length d_h = Diameter of the head d_1 = Inner diameter	<table><tr><td colspan="4">Wood screw TRT Protect 4</td></tr><tr><td>$d \times l$ (mm)</td><td>l_g (mm)</td><td>d_h (mm)</td><td>d_1 (mm)</td></tr><tr><td>5,0 x 40</td><td>Full</td><td rowspan="3">9,8</td><td rowspan="3">3,0</td></tr><tr><td>5,0 x 60</td><td>36</td></tr><tr><td>5,0 x 80</td><td>48</td></tr></table> <table><tr><td colspan="4">Wood screw TRT galvanized</td></tr><tr><td>$d \times l$ (mm)</td><td>l_g (mm)</td><td>d_h (mm)</td><td>d_1 (mm)</td></tr><tr><td>5,0 x 30</td><td>Full</td><td rowspan="3">9,6</td><td rowspan="3">3,1</td></tr><tr><td>5,0 x 40</td><td>Full</td></tr><tr><td>5,0 x 60</td><td>Full</td></tr></table>	Wood screw TRT Protect 4				$d \times l$ (mm)	l_g (mm)	d_h (mm)	d_1 (mm)	5,0 x 40	Full	9,8	3,0	5,0 x 60	36	5,0 x 80	48	Wood screw TRT galvanized				$d \times l$ (mm)	l_g (mm)	d_h (mm)	d_1 (mm)	5,0 x 30	Full	9,6	3,1	5,0 x 40	Full	5,0 x 60	Full
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3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	Screw with a thread designed for wood constructions and wood connectors																																
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Heco Nordiska AB Nyhems Industriområde 330 33 Hillerstorp +46 370-37 51 00 www.heco.se																																
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):	Not relevant (see item 4)																																
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:	SP Sveriges Tekniska Forskningsinstitut AB identification number 0402 has performed the initial type testing according to system 3 and has issued the type testing report.																																
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not relevant (see item 7)																																

9. Declared performance (Characteristic values)

Wood screw TRT Protect 4

Essential characteristics	Dimension(mm)	Performance	Harmonised technical specification
Yield moment	5.0	4600 Nmm	EN 14592:2008+A1:2012
Withdrawal parameter ($\rho_k=350$ kg/m ³)	5.0	16,2 N/mm ²	EN 14592:2008+A1:2012
Head pull-through parameter ($\rho_k=350$ kg/m ³)	5.0	20,2 N/mm ²	EN 14592:2008+A1:2012
Tensile parameter	5.0	1100 N/mm ²	EN 14592:2008+A1:2012
Torsional capacity			EN 14592:2008+A1:2012
($\rho_k=350$ kg/ m ³ , $f_{tor,k}=5,4$ Nm)	5.0	$\geq 1,5$	
Durability C4	5.0	Climate class 3	EN 1995-1-1

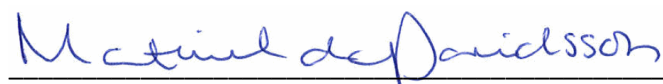
Wood screw TRT galvanized

Essential characteristics	Dimension (mm)	Performance	Harmonised technical specification
Yield moment	5.0	4600 Nmm	EN 14592:2008+A1:2012
Withdrawal parameter ($\rho_k=350$ kg/m ³)	5.0	17,9 N/mm ²	EN 14592:2008+A1:2012
Head pull-through parameter ($\rho_k=350$ kg/m ³)	5.0	18,5 N/mm ²	EN 14592:2008+A1:2012
Tensile parameter	5.0	1000 N/mm ²	EN 14592:2008+A1:2012
Torsional capacity			EN 14592:2008+A1:2012
($\rho_k=350$ kg/ m ³ , $f_{tor,k}=5,5$ Nm)	5.0	$\geq 1,5$	
Durability	5.0	Climate class 2	EN 1995-1-1

10. 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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on the behalf of the manufacturer by:



Mathilda Davidsson, Quality Manager

Hillerstorp 01.07.2013