

DECLARATION OF PERFORMANCE

N° HARDWOOD 01A EN



LR ETANCO SAS

Parc les Erables – Bât 1 – 66 route de Sartrouville – BP 49 – 78231 LE PECQ Cedex – France

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1. Unique identification code of the product-type :

HARD WOOD TC

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

Identification of product « HARD WOOD TC/Tx ZBJ – Ø x L »: see packaging of the product

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

Generic type and intended use of the product	Fixing for the assembly of wood elements with countersunk head, diameters Ø6 and Ø8.
For use in	Timber construction
Service class	1 and 2 according EN 1995-1-1
Loading	For structural applications
Material	Case hardened steel with heat treatment, Yellow zinc plated $\geq 8 \mu\text{m}$ according to EN ISO 4042
Fire class	A1 according to EN 13501-1 for metal screw

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

LR ETANCO
66 route de Sartrouville – BP49
78231 Le Pecq Cedex
France

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

Not relevant

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:

S.Z.U. notified body n°1404 issued the certificate J-30-20304-11 on the basis of EN 14592:2009.

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

Not relevant

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9. Declared Performances:

Essential characteristics – EN 14592:2009			Performance	
Installation parameters			Ø6	Ø8
d _h	Head diameter	[mm]	8	11,5
d _i	Inner thread diameter	[mm]	4	5,2
L	Screw length	[mm]	80 to 380	
Mechanical characteristics				
M _{y,k}	Characteristic yield moment	[Nmm]	11954	27210
f _{ax,k}	Characteristic withdrawal parameter (ρ _k = 450 kg/m ³)	[N/mm ²]	18,59	18,11
f _{head,k}	Characteristic head pull-trough parameter (ρ _k = 500 kg/m ³)	[N/mm ²]	31,10	42,23
f _{tens,k}	Characteristic tensile capacity	[kN]	10,54	26,33
f _{tor,k} /R _{tor,k}	Characteristic ratio torsional (ρ _k = 450 kg/m ³)	[-]	2,87	5,64
Design method Eurocode 5 EN 1995-1-1:2008 – §.8.7				

We inform you that LR ETANCO is classified in the EC 1907/2006 Reach Directive as a Downstream-user of substances. The product supplied does not contain substances classified as SVHC according to the Candidate List in a concentration equal or greater than 0.1% (weight / weight). Article 31 is not applicable to the present product.

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

Signed for and behalf of the manufacturer by:

Benoit Cheramy Product Manager	Le Pecq – France, 2013-09-03	
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