

DECLARATION OF PERFORMANCE

N° SUPERWOOD 01B EN



LR ETANCO SAS

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1. Unique identification code of the product-type :

SUPER WOOD TF

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 « SUPER WOOD TF/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 Ø4, Ø4,5, Ø5, Ø6, Ø8 and Ø10
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 certificates
J-30-20085-11, E-30-20106-14, E-30-20107-14, E-30-20108-14 and E-30-20109-14 on the basis of EN 14592.

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 – Certificat J-30-20085-11			Performance		
Installation parameters			Ø6	Ø8	Ø10
d _h	Head diameter	[mm]	12	14,5	18
d _i	Inner thread diameter	[mm]	3,85	5,25	6,25
d _s	Screw body diameter	[mm]	4,27	5,82	6,97
L	Screw length	[mm]	80 to 400		
Mechanical characteristics					
M _{y,k}	Characteristic yield moment	[Nmm]	18634	26501	29918
f _{ax,k}	Characteristic withdrawal parameter ($\rho_k = 450 \text{ kg/m}^3$)	[N/mm ²]	16,62	11,60	7,74
f _{head,k}	Characteristic head pull-trough parameter ($\rho_k = 500 \text{ kg/m}^3$)	[N/mm ²]	28,45	26,01	13,63
f _{tens,k}	Characteristic tensile capacity	[kN]	14,24	25,34	32,43
f _{tor,k} /R _{tor,k}	Characteristic ratio torsional ($\rho_k = 450 \text{ kg/m}^3$)	[-]	3,32	3,23	3,79
Design method Eurocode 5 EN 1995-1-1:2008 – §.8.7					

Essential characteristics – EN 14592 – Certificats E-30-20106-14, E-30-20107-14, E-30-20108-14 and E-30-20109-14			Performance			
Installation parameters			Ø4	Ø4,5	Ø5	Ø6
d _h	Head diameter	[mm]	8	9	9,7	11,8
d _i	Inner thread diameter	[mm]	2,7	3,05	3,4	4,2
d _s	Screw body diameter	[mm]	2,9	3,25	3,6	4,4
L	Screw length	[mm]	45 à 80		45 à 120	45 à 70
Mechanical characteristics						
M _{y,k}	Characteristic yield moment	[Nmm]	3201	4799	10755	15429
f _{ax,k}	Characteristic withdrawal parameter ($\rho_k = 450 \text{ kg/m}^3$)	[N/mm ²]	12,70	13,74	12,80	12,59
f _{head,k}	Characteristic head pull-trough parameter ($\rho_k = 500 \text{ kg/m}^3$)	[N/mm ²]	22,43	21,51	20,20	20,07
f _{tens,k}	Characteristic tensile capacity	[kN]	5,23	6,88	8,91	13,02
f _{tor,k} /R _{tor,k}	Characteristic ratio torsional ($\rho_k = 450 \text{ kg/m}^3$)	[-]	2,27	2,70	2,82	2,40
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, 2014-10-31	
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