

Declaration of Performance, DoP 400.3/2013

(Version 3)

To visualize previous versions, click on relevant link: http://www.itwcp-techdocs.eu/DoP/Archive/DOP400.3_V2/DOP_400.3_English_V2.pdf

1. Product type: Strip collated staples for stapling tools
2. Identification: haubold staples
3. Intended use: For load-bearing wooden structures
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ITW Befestigungssysteme GmbH
Carl-Zeiss-Straße 19
D-30966 Hemmingen

5. Authorised representative: N/A
6. System of assessment: 3
7. Notified body / Test laboratory:

VHT Versuchsanstalt für Holz und Trockenbau
no. 1503
Annastrasse 18
D-64285 Darmstadt

performed ITT under system 3 (b) "determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation".

8. On the 2019-02-20 a European Technical Assessment ETA-16/0535 performed under system 3 has been issued by Deutsches Institut für Bautechnik, Kolonnenstraße 30B, D-10829 Berlin.
9. Declared performance:

Notes to the table:

Characteristic values are calculated or tested according to ETA-16/0535 and EN 14592:2008+A1:2012.

10. The performance of the products 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 behalf of the manufacturer by:



Torsten Eckstein
General Manager

Hemmingen, 2019-02-28

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Declared values according to ETA-16/0535 and EN 14592:2008+A1:2012 (with coating type 3)

Nominal diameter [mm]	Staple length [mm]	Crown width [mm]	Cross-sectional area [mm ²]	Length of coated shank [mm]	Corrosion protection	Service class	Material	Steel standard	Characteristic values f_u min. 900 N/mm ²			
									Withdrawal parameter $f_{ax,k}$ [N/mm ²]	Head pull-through parameter $f_{head,k}$ [N/mm ²]	Yield moment $M_{y,Rk}$ [Nmm]	Tensile capacity $F_{tens,k}$ [N]
1,53	25-75	11,3 26,0	1,83	Full	Electrogalv 12 μ m A2, A4 and higher	1-2 1-3	SAE 1018/C20D 1.4301/1.4401/1.4529	EN ISO 16120-2 EN 10088-1	4,9 $F_{ax,Rd} = 70$ N	36,0	620 430	NPD
1,80	40-75	11,0	2,53	Full	Electrogalv 12 μ m A2, A4 and higher	1-2 1-3	SAE 1018/C20D 1.4301/1.4401/1.4529	EN ISO 16120-2 EN 10088-1	4,9 $F_{ax,Rd} = 70$ N	32,0	940	NPD
2,00	50-130	11,8 27,0	3,11	Full & length-30	Electrogalv 12 μ m A2, A4 and higher	1-2 1-3	SAE 1018/SAE 1030 1.4301/1.4401/1.4529	EN ISO 16120-2 EN 10088-1	5,5 $F_{ax,Rd} = 70$ N	26,0 34,0	1040	NPD