

Declaration of Performance, DoP 204/2013

(Version 2)

Previous version: http://www.itwcp-techdocs.eu/DoP/Archive/DOP204_V1/DOP_204_English_V1.pdf

1. Product type: Plastic coil nails (16°)
2. Identification: Haubold nails
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 Construction Products
Gl. Banegaardsvej 25
DK-5500 Middelfart
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
64285 Darmstadt
Germany

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. Declared performance to ETA: N/A
9. Declared performance:

Notes to the table

Characteristic values are calculated or tested according to 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:


Flemming Sørensen

Production and Engineering Manager

Middelfart, 05.12.2023

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							Declared values according to EN 14592:2008 + A1:2012				
Nail diameter [mm]	Shank profile	Nail length [mm]	Head diameter/ Head area [mm/mm²]	Length of nail point [mm]	Corrosion protection	Service class	Steel standard	Characteristic values $f_{u,k}$ min. 600 or 700 N/mm²			
								Withdrawal parameter	Head pull-through parameter	Yield moment	Tensile capacity
								$f_{u,k}$ [N/mm²]	$f_{head,k}$ [N/mm²]	$M_{y,k}$ [Nmm]	$F_{tens,k}$ [N]
2,1	Ring	40-50 50	4,7 / 17	4,2	HDG 55 µm A4	1-3	EN ISO 16120-2 EN 10088-1	8 7	13	1050	NPD
2,5	Ring	35	6,6 / 34	5,0	HDG 55 µm	1-3	EN ISO 16120-2	9	15	1910	NPD
4,0	Ring	40	7,5 / 44	8,0	HDG 55 µm Electrogalv. 12 µm	1-3 1-2	EN ISO 16120-2 ?	9 8	15	6050	NPD

NPD = No Performance Determined

$f_{u,k}$ and $f_{head,k}$ are tested at a characteristic timber density of 350 kg/m³