haubold®

Declaration of Performance, DoP 204/2013

(Version 3)

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:

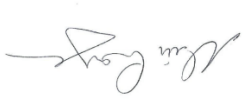
   Notes to the table

   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:



Neil Langan
Business Unit Manager
Middelfart, 09.05.2025

haubold®

Declaration of Performance, DoP 204/2022

(Version 3)

							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 $f_{ax,k}$ [N/mm²]	Head pull-through parameter $f_{head,k}$ [N/mm²]	Yield moment $M_{y,k}$ [Nmm]	Tensile capacity $F_{tens,k}$ [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 35-50	6,6 / 34	3,8	HDG 55 µm A2	1-3	EN ISO 16120-2 EN 10088-1	9 8	15	1910	NPD

NPD = No Performance Determined

$f_{ax,k}$ and $f_{head,k}$ are tested at a characteristic timber density of 350 kg/m^3