

Declaration of Performance DoP 101/2023.1

Paslode 16° Wire Collated Roofing Nails



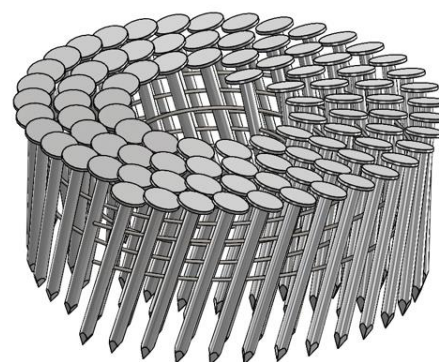
1. Unique identification codes of the product-types:
CW Roofing Nails HDG, CW Roofing Nails A2
2. Intended use: For load bearing connections in timber structures
3. Manufacturer: ITW Construction Products ApS, Gl. Banegaardsvej 25, DK-5500 Middelfart
4. Authorised representative: N/A
5. System of AVCP: 3
6. a) Harmonized standard: EN 14592:2008+A1:2012
Notified body:
 - STROJIRENSKY ZKUSEBNI USTAV, s.p. [1015], Tovarni 5, 466 21 JABLONEC nad Nisou, Czech Republic
7. Declared performances: The product is in conformity with the essential characteristics in table 1

The performance of the product identified above is in conformity with the set of declared performances.
This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Flemming Sørensen
Production and Engineering Manager
Middelfart, 30.11.2023

Paslode 16° Wire Collated Roofing Nails



Symbol	Surface	Service Class	Corrosion Protection	Material	Steel Standard
	HDG - HOT DIPPED GALV.	3	>55µm Zinc	AISI 1008	ASTM A510
	A2 - STAINLESS STEEL	3	-	A2	EN 10088-1

Previous version: http://www.itwcp-techdocs.eu/DoP/Archive/DOP100_V4/DOP_100_English_V4.pdf

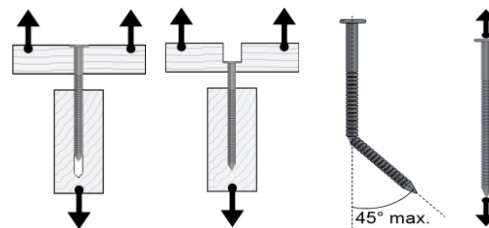
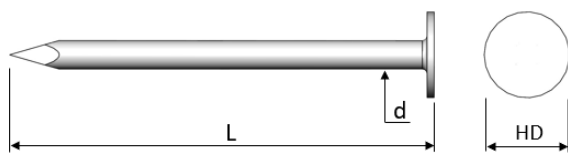


Table 1: Essential characteristics

Profile	Nominal diameter	Length	Length Profile	Head dia./ head area	Point Length	Withdrawal strength	Head Pull through	Yield moment	Tensile strength
	d [mm]	L [mm]	L _{profile} [mm]	HD [mm/mm ²]	[mm]	f _{ax,k} [N/mm ²]	f _{head,k} [N/mm ²]	M _{y,k} [Nmm]	F _{tens,k} [kN]

● CW Roofing Nails HDG

SMOOTH	3,0	19 - 45	N/A	9,0 / 64	4,5	2,4	8,5	3100	NPD
RING	3,0	19	5	9,0 / 64	4,5	2,4	8,5	3100	NPD

● CW Roofing Nails A2

RING	3,0	25	N/A	9,0 / 64	4,5	2,4	8,5	3100	NPD
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Declared values according to EN 14592:2008 + A1:2012

Wire tensile strength f_u min. 600 or 700 N/mm²

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

NPD: No performance determined