

# Declaration of Performance DoP 001/2022.1

Paslode 34° Paper Laminated RounDrive® Nails



1. Unique identification codes of the product-types:  
RounDrive® BRIGHT, RounDrive® GALVPLUS, RounDrive® HDG, RounDrive® A2, RounDrive® A4
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:  
- VHT Versuchsanstalt für Holz und Trockenbau [no. 1503], Annastrasse 18, DE-64285 Darmstadt
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.

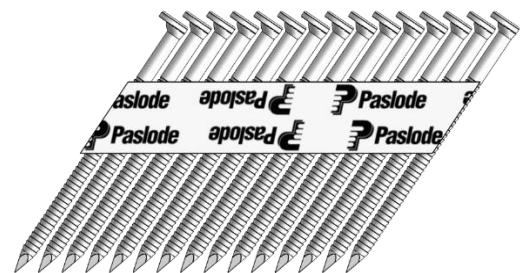
Signed for and on behalf of the manufacturer by:

Flemming Sørensen

Production and Engineering Manager

Middelfart, 30.08.2022

## Paslode 34° Paper Laminated RounDrive® Nails



Symbol	Surface	Service Class	Corrosion Protection	Material	Steel Standard
	<b>BRIGHT</b>	1	-	AISI 1008	ASTM A510
	<b>GALVPLUS</b>	2	>14µm Zink/Alu	AISI 1008	ASTM A510
	<b>HDG - HOT DIPPED GALV.</b>	3	>55µm Zinc	AISI 1008	ASTM A510
	<b>A2 / A4 - STAINLESS STEEL</b>	3	-	A2/A4	EN 10088-1

Previous version: [http://www.itwcp-techdocs.eu/DoP/Archive/DOP001\\_V9/DOP\\_001\\_English\\_V9.pdf](http://www.itwcp-techdocs.eu/DoP/Archive/DOP001_V9/DOP_001_English_V9.pdf)

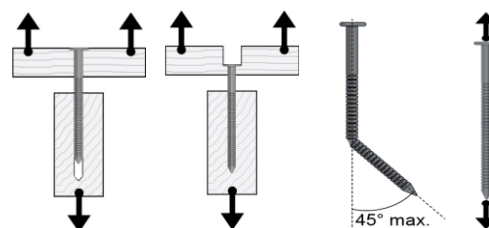
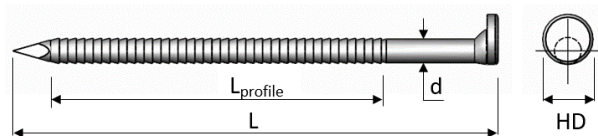


Table 1: Essential characteristics

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 <sub>profile</sub> [mm]	HD [mm/mm <sup>2</sup> ]	[mm]	f <sub>ax,k</sub> [N/mm <sup>2</sup> ]	f <sub>head,k</sub> [N/mm <sup>2</sup> ]	M <sub>y,k</sub> [Nmm]	F <sub>tens,k</sub> [kN]

### ● RounDrive® BRIGHT

SMOOTH	2,8	63 - 80	N/A	6,25 / 30	4,1	2,4	8,5	3050	NPD
	3,1	80 - 90		6,5 / 33	4,5			3950	
RING	2,8	51 - 80	41 - 61	6,25 / 30	4,1	8	20	2200	NPD
	3,1	75 - 90	32 - 61	6,5 / 33	4,5			2500	

### ● RounDrive® GALVPLUS

SMOOTH	3,1	80 - 90	N/A	6,5 / 33	4,5	2,4	8,5	3950	NPD
RING	2,8	51 - 75	41 - 56	6,25 / 30	4,1	8	20	2200	NPD
	3,1	63 - 90	32 - 61	6,5 / 33	4,5			2500	

### ● RounDrive® HDG

SMOOTH	3,1	90	N/A	6,5 / 33	4,5	2,4	8,5	3950	NPD
RING	2,8	51 - 75	41 - 56	6,25 / 30	4,1	7	20	2100	NPD
	3,1	63 - 98	32 - 69	6,5 / 33	4,5			2400	

### ● RounDrive® A2 / A4

RING	2,8	51 - 80	41 - 61	6,25 / 30	4,1	7	20	2500	NPD
	3,1	75 - 90	32 - 69	6,5 / 33	4,5			3000	

Declared values according to EN 14592:2008 + A1:2012

Wire tensile strength  $f_u$  min. 600 or 700 N/mm<sup>2</sup>

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

Coating type: 2 (to facilitate insertion), generally on nail lengths  $\geq 75$  mm

NPD: No performance determined