

Eurocode 5 and CE Marking

Paslode has manufactured nails for timber for 75 years. The new generation of Paslode nails are the first nails to achieve CE marking.



Paslode nails are available in five finishes to meet corrosion requirements stated in Eurocode 5 (EC5), thus suitable for all applications in service class 1, 2 and 3.

EC5 is the European timber construction code replacing all former national building codes and has been mandatory since March 2010. EC5 is used by architects and building construction design engineers. According to EC5 metal fasteners shall comply with the harmonized European standard EN 14592. When fasteners comply and are tested according to EN 14592, it is possible to CE mark the product.

All Paslode nails are CE marked and all performance values are documented in Technical Datasheets.

Corrosion Protection

Paramount in determining the appropriate corrosion resistance of any element of a timber structure is the EC5 requirement to design for a minimum life, normally 50 years (10 years for temporary structures, 100 years for monumental structures or bridges). The detailed corrosion requirements according to service class 1, 2 and 3 are listed in the table at the bottom of the page.

Safe Nailing Systems

For safe operation of Paslode tools, use only those fuel cells and fasteners identified in the operating manual.



Eurocode 5 Service Class Specifications *

SERVICE CLASS 1 Indoors	SERVICE CLASS 2 Indoors Not Heated, Outdoors Protected	SERVICE CLASS 3 Outdoors, Exposed To Weather
BRIGHT - 0 µm	ELECTRO GALVANISED - 12 µm	GALV-PLUS® - min. 12 µm
HOT DIPPED GALVANISED - min. 55 µm		
STAINLESS STEEL - A2 (AISI304) or A4 (AISI316)		

* For corrosive environments Stainless Steel nails should be used.

Environmentally Friendly

"GREEN" NAILS

All Paslode nails are Chrome 6, cadmium and lead free.



SUSTAINABLE DEVELOPMENT

The Paslode factories all conform to ISO14001.

Ongoing Innovation

More than 500 Paslode employees in Europe are dedicated to the needs of carpenters and roofers. They listen to their comments and make improvements and developments based on their needs:

- Nails, such as Galv-Plus® & RounDrive®
- Fuel cells, such as the IM90i & PPN35i patented self-locating systems.

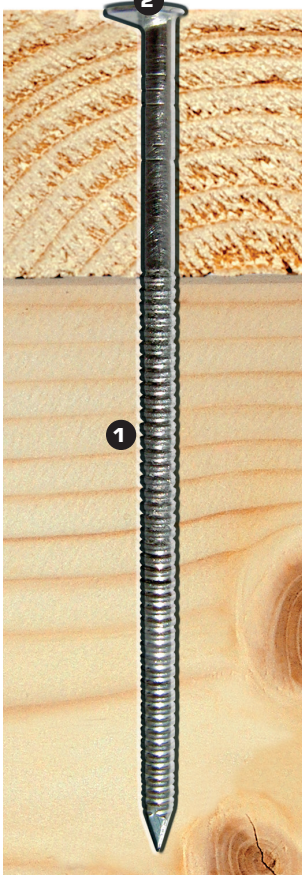


Holding the World Together!

Choosing a Nail: 2 Key Areas to Consider

1. PERFORMANCE

- The selection of a nail is always directly linked to the type of connection where the nail is to be used.
- Normally 3 main forces are to be considered when choosing a nail:
 - Pull Through
 - Withdrawal
 - Shear
- Most Paslode nails are tested by VHT Darmstadt in Germany, guaranteeing nail performance.



2. PROTECTION AGAINST CORROSION

- When the dimension of the nail has been selected it is also very important to choose the correct surface treatment. The environment in which the nail is going to be used is the factor determining the corrosion protection needed.
- Paslode give you a full offer covering all requirements of Eurocode 5:

Corrosion Protection	Corrosion Resistance *	Max Eurocode 5 Service Class
BRIGHT		SERVICE CLASS 1 Indoors
GALV-PLUS®		SERVICE CLASS 2 Indoors Not Heated, Outdoor Protected
HOT DIPPED GALVANISED		SERVICE CLASS 3 Outdoors, Exposed To Weather
STAINLESS STEEL		SERVICE CLASS 3 Outdoors, Exposed To Weather

*Time before corrosion in C3 outdoor environment (ISO12944-2).

Technical data sheets are available for our nails, providing both performance and corrosion protection information.

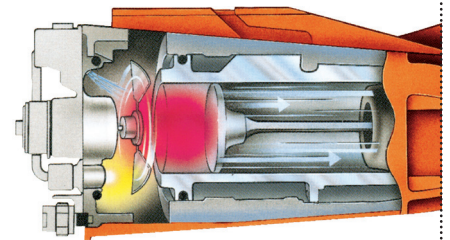


Did you know...

Gas Technology

Gas is injected in the combustion chamber, then a spark to provoke the air/gas mix explosion.... Your nail is fixed.

After powder actuated tools, ITW invented and developed the Gas Actuated technology, to work 6 times faster than conventional methods.



Nail Selector Guide

Shank Types

- ST** Straight
- RG** Full Ring Shank
- UNI** Part Ring Shank (Unilock)
- HEL** Helical or Screw

Coating Types

- BR** Bright
- GALV-PLUS®** Galv-Plus®
- GALV** Galvanised
- ELGV** Electro Galvanised
- HDGV** Hot Dipped Galvanised
- S / STEEL** Stainless Steel

Point Types














- CH** Chisel Point
- DIV** Divergent Point
- DP** Diamond Point
- P** Point

Abbreviations

- F** Gauge
- GS** General Standard

Wood on Wood Tool Selection Guide

Paslode Cordless Nailers

	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Pages 44 - 47</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Pages 42 - 43</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Pages 48 - 49</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Page 56</p>
	IM90i Carpenters & Roofers Eurocode: 010333	NEW IM350+ Carpenters & Roofers Eurocode: 014801	PPN35i Carpenters & Roofers Eurocode: 014091	IM200 NAILER Roofers Eurocode: 014380
	Weight (kg) 3.7 	Weight (kg) 3.4 	Weight (kg) 3.9 	Weight (kg) 2.9 
	Energy (capacity) Fuel Cell: 1,250 shots (at -5°C) Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,100 shots Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,250 shots (at -5°C) Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,000 shots Battery: 4,000 shots
	Nail Range Magazine capacity: 37 or 74 nails / RoundDrive® head from 51mm to 90mm / Ø 2.8mm & 3.1mm / Smooth or Ring Shank / Bright, Galv-Plus®, Hot Dipped Galvanised or Stainless Steel finish	Nail Range Magazine capacity: 55 nails / D-head from 51mm to 90mm / Ø 2.8mm & 3.1mm / Smooth, Uni-lock or Ring Shank / Bright, Galv-Plus®, Hot Dipped Galvanised or Stainless Steel finish	Nail Range Magazine capacity: 23 nails / Full head Ø 3.4mm / 35mm / Twisted Electro Galvanised	Nail Range Magazine capacity: 55 nails / Full head Ø 2.8mm / 25mm & 32mm / Ring Shank / Stainless Steel
In Action				

Paslode Cordless Brad Nailers and Stapler

	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Pages 50 - 51</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Pages 52 - 53</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Page 54</p>	 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Page 55</p>
	IM65 F16 Carpenters & Joiners Eurocode: 013321	IM65A F16 Carpenters & Joiners Eurocode: 013311	IM50 F18 Joiners & Shopfitters Eurocode: 013331	IM200/50 S16 Joiners & Drywall Contractors Eurocode: 900078
	Weight (kg) 2.3 	Weight (kg) 2.3 	Weight (kg) 2.1 	Weight (kg) 2.9 
	Energy (capacity) Fuel Cell: 1,000 shots Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,000 shots Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,000 shots Battery: 4,000 shots	Energy (capacity) Fuel Cell: 1,000 shots Battery: 4,000 shots
	Brad Range Magazine capacity: 100 brads / F16 straight from 16mm to 63mm Galvanised and from 25mm to 63mm Stainless Steel	Brad Range Magazine capacity: 100 brads / F16 angled from 32mm to 63mm Galvanised	Brad Range Magazine capacity: 100 brads / F18 straight from 16mm to 50mm Galvanised	Brad Range Magazine capacity: 150 staples / GS16 from 19 to 50mm Divergent and Chisel Point
In Action				

Paslode Pneumatic Nailers

	 PSN90 Carpenters & Roofers Eurocode: 501560	 PSN100.1 Carpenters & Roofers Eurocode: 502900	 F250S PP Carpenters & Roofers Eurocode: 500855
Weight (kg)	3.6 	3.9 	4 
Nail Range	From 51 to 90mm	From 51 to 100mm	35 mm
Point Type	Nail Ø 2.8 to 3.4mm Smooth or Ring Shank / Bright, Galv-Plus, Hot Dipped Galvanised, A2 Stainless Steel	Nail Ø 2.8 to 3.4mm Smooth or Ring Shank / Bright, Galv-Plus, Hot Dipped Galvanised, A2 Stainless Steel	Nail Ø 3.4mm Hardened Steel
In Action			

Paslode Pneumatic Finishing Nailers

	 FN1665.1 Eurocode: 502120	 FN16A 65 Eurocode: 500910	 FN1835 Eurocode: 300886	 FN1850 Eurocode: 300899
Weight (kg)	1.9 	1.72 	1.1 	1.2 
Brad Range	From 25 to 63mm	From 32 to 63mm	From 16 to 32mm	From 16 to 50mm
Point Types	F16 Brads Galvanised	F16 Brads Galvanised	F18 Brads Galvanised	F18 Brads Galvanised
				

Paslode Proscrews High Performance Wood Screws



Paslode high performance wood screws are the latest innovation from the world's leading name in wood fastening.

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Wood to Wood Application Selection Guide

● Recommended

Paslode:
Direct Fixings

			Timber Frame Erection	Connector Plates	Floor Boarding	Roof Battens	Roof Decking	Close Board Fencing	Stud Work	Noggins	Soffits	Joists	Decking	Panelling	Overboarding	Wall Cladding	Dado Rail	Architrave	Metal Roofing	
CORDLESS NAILERS, BRAD NAILERS & STAPLERS	44	IM90i 010333		●		●	●	●	●	●	●	●	●			●				
	42	NEW IM350+ 014801		●		●	●	●	●	●	●	●	●			●				
	48	PPN35i 014091			●															
	50	IM65 F16 013321													●		●	●	●	
	52	IM65A F16 013311													●		●	●	●	
	54	IM50 F18 013331													●		●	●	●	
	55	IM200 / 50 S16 900078														●	●			
	56	IM200 Nailer 014380																		●
PNEUMATIC NAILERS & BRAD NAILERS	58	PSN90 501560		●		●	●	●	●	●	●	●	●	●						
	58	PSN100.1 502900		●		●	●	●	●	●	●	●	●	●						
	60	F250S PP 500855			●															
	61	FN1665.1 502120													●		●	●	●	
	62	FN16A 65 500910													●		●	●	●	
	63	FN1835 300886													●				●	
	63	FN1850 300899													●				●	

