

# STRAP NAIL

## FEATURES AND BENEFITS

**EASY:** Can be installed without any special gear or nails, only a hammer is required for install

**FAST:** Hammer the pre-punched Claw nails and you are done. Time-saving and therefore, cost-saving

**VERSATILE:** Twisted form of the Claw nails are suitable for all types of un-treated timber ranging from the lightest softwoods to the densest hardwoods.

## SPECIFICATIONS

STEEL	G300
THICKNESS	1.0mm
CORROSION RESISTANCE	Z275
SUITABLE TIMBER WIDTHS	25 – 120mm

Hammer fixed and easy to use connector for multiple applications.



### AS1684 & AS1720 COMPLIANT

- Minimum Z275 galvanised steel
- Design values tested in accordance to the relevant standard



## INSTALLATION

Installation is just a matter of hammering in the plate, however before doing so, make sure the Strap Nail is:

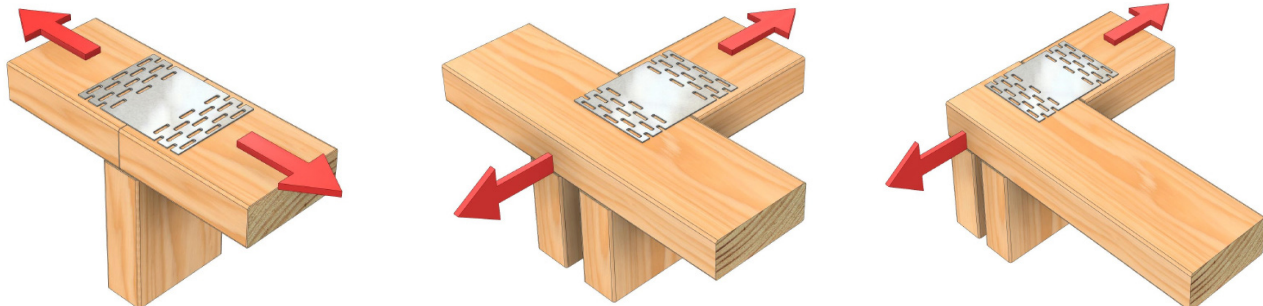
- Positioned centrally over the joint line with equal lengths of the plate on either side.
- Positioned centrally to the edges of the timber.
- Positioned parallel with the edge of the timber.

## STRAP NAIL

PRODUCT CODE	MATERIAL	WIDTH (MM)	LENGTH (MM)	QUANTITY	INDIVIDUALLY BARCODED FOR RETAIL SALE
SN5B	1.0mm G300 Z275 Galvanised Steel	50	100	300	
MPSN2		25		180	•
MPSN4C		38	90	75	•
MPSN5		50	100	50	•
MPSN7		75		50	•

## STRAP NAIL CAPACITY

### LOADING ALONG THE PLATE EXAMPLES



PRODUCT CODE	WIDTH (MM)	STEEL CAP. KN	NAIL DIRN. TO LOAD	TEETH EACH END	DESIGN CAPACITY $\Phi$ NJ PER STRAP NAIL (KN) FOR TIMBER JOINT GROUP						
					J4	J3	J2	JD5	JD4	JD3	JD2
MPSN2	25	2.9	Perp.	10	1.4	2.2	2.9	2.2	2.6	2.9	2.9
MPSN5, SN5B	50	5.7	Perp.	16	2.4	3.6	4.6	3.4	4	4.6	5.7

#### NOTES:

1. These design capacities apply directly for Category 1 joints as described in Table 2.2 of AS1720.1:2010. For Category 2 and Category 3 joints, multiply these capacities by 0.94 and 0.88 respectively.
2. The above capacities are given for the wind load case. For other load cases, decrease capacities by multiplying with the corresponding factor tabulated below:

LOAD CASE	1.35G	1.2G + 1.5QF	1.2G + 1.5QR
Factor	0.50	0.60	0.68