

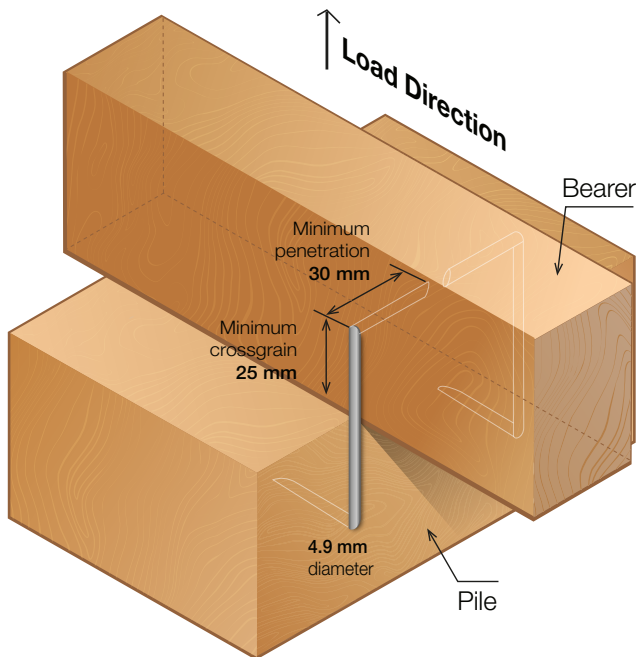


Z and C Nails Installation Guide

Commonly found in residential construction

- ✓ Milsons Z and C Nails can be used to hold down purlins to rafters, rafters and joists to plates, and joists to beams.
- ✓ Milsons Z and C Nails are durable, made from Galvanised Steel and SS304 Stainless Steel.
- ✓ Both Z and C Nails are self-nailing. The 85-degree angle of the nail to the shaft enables the nails to draw the timbers to each other.

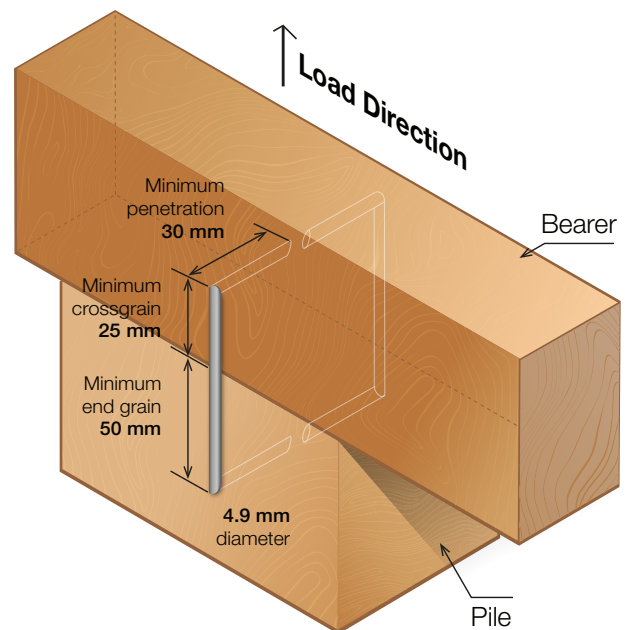
Z Nails Installation Layout



Installed in pairs.

Milsons NLZ304Left and **NLZ304Right**
or **NLZLeft** and **NLZRight**

C Nails Installation Layout



Installed in pairs.

Milsons NLC304ST
or **NLCST**



Installation

- + Milsons Z and C Nails should be installed in pairs and vertically plumb.
- + As per NZS 3604:2011, minimum penetration is 30 mm – therefore minimum timber depth should be 35 mm for both the bearer and pile.

To install:

- 1 Mark penetration point and drive one end into the pile, while maintaining minimum cross grain and end grain limit.
- 2 Pivot the other end of the Z or C nail until the point is directly against the second member, then hammer flush against the face of the member.

Durability

The following table provides an easy guide for selecting Milsons product with corrosion resistant finishes that will meet and exceed NZS 3604:2011 Table 4.1. **Milsons Z and C Nails are available in SS304 Stainless Steel and Hot Dipped Galvanised Steel.**


Zone	Fixing Fastening	Environment		Product
All Zones	Nail Plates	Fully enclosed walls, floors and roof spaces	Closed	Zinc Coated Z275
	C-Nails and Bolts			Hot-Dipped Galvanised Steel
	All other structural fixings	Closed		Carbon Steel-Zinc Coated
Zones B and C	All subfloor fastenings more than 600 mm above the ground	Vented 7000 mm ² /m ² or LESS	Sheltered	Hot-Dipped Galvanised Steel
		Vented MORE than 7000 mm ² /m ²	Exposed	304 Stainless Steel
	All subfloor fastenings within 600 mm of the ground	Sheltered and Exposed		304 Stainless Steel
	All other structural fixings	Sheltered		Hot-Dipped Galvanised Steel
		Exposed		304 Stainless Steel
Zone D	All structural fixings	Sheltered and Exposed		304 Stainless Steel


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The data provided in this document is for general guidance only and should not be solely relied upon when working to stringent specifications. We recommend consulting with qualified experts regarding any technical queries.

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