



12kN Pile Fixing Kit

Use For Anchor Piles And Bracing Piles

- ✓ The 12kN Pile Fixing Kit should be installed in accordance with this leaflet.
- ✓ All subfloor construction must be in accordance with NZS 3604:2011.
- ✓ NZS 3604 requires lines of lateral support to floor joists within 300 mm of bearer or bracing lines, refer to clause 7.12 of the building code.
- ✓ Joists deeper than 150 mm require solid noggling over braced or anchor pile.

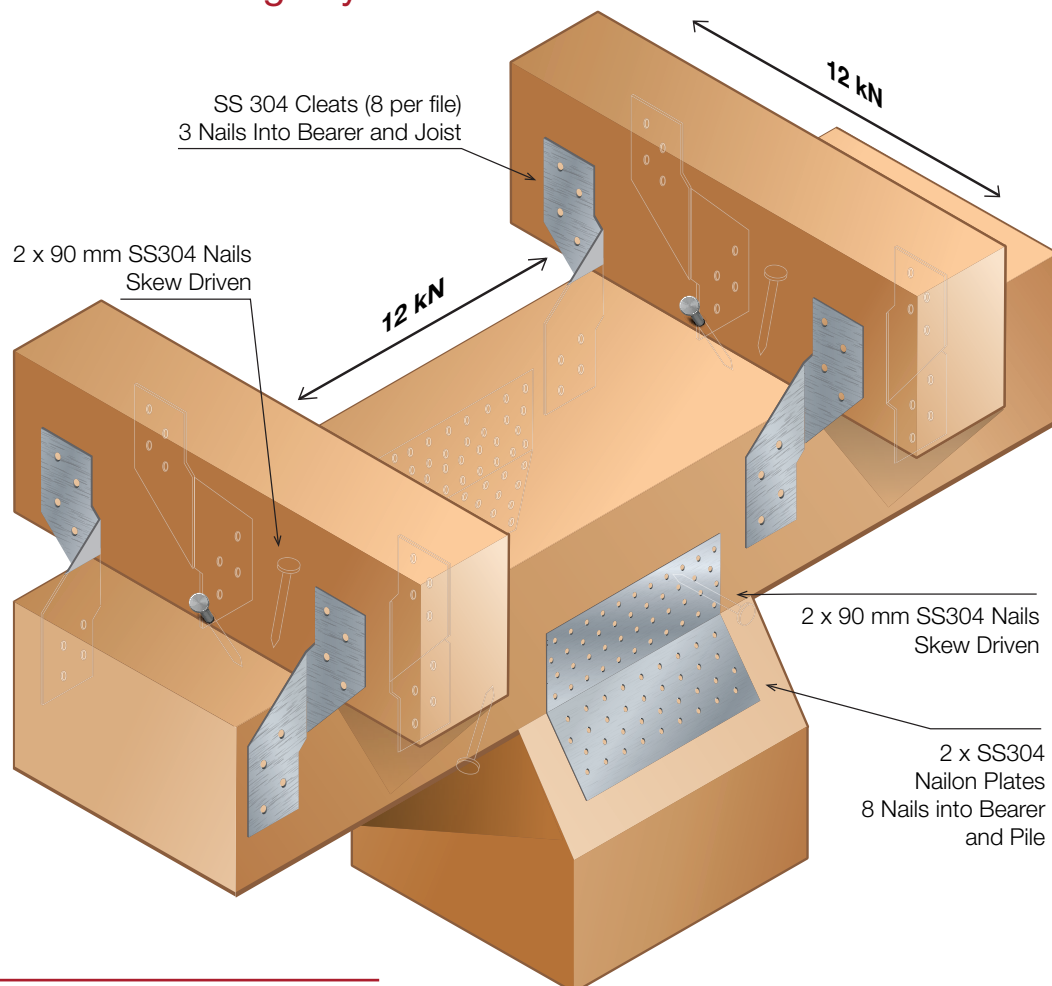
12kN Pile Fixing Kit Pack Contents:



Each set represents **1 x** 12kN Pile Fixing Kit

- **2 x** Nailon Plates 160 mm Long
- **8 x** CT160 Cleats (4 Left Side, 4 Right Side)
- **8 x** Annular Grooved SS304 Flat Head Nails 4.0 x 90 mm
- **80 x** Annular Grooved SS304 Flat Head Nails 3.5 x 45 mm

Recommended 12kN Pile Fixing Layout



12kN Joint Fixing Schedule

Pile to Bearer	Nailon Plate (2 Per Joint) 1 mm x 100 mm x 160 mm Long 8 x Nails per Plate into Pile 8 x Nails per Plate into Bearer 2 x Annular Nails (1 Per Face) 4.0 x 90 mm
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Joist to Bearer	CT160 Cleats (4 Per Pile) 160 mm long 3 x Nails per Cleat into Joist 3 x Nails per Cleat into Bearer 2 x 4.0 x 90 mm Annular Grooved SS304 Flat head Nails
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Nails	80 x Annular Grooved SS304 Flat Head Nails 3.5 x 45 mm 8 x Annular Grooved SS304 Flat Head Nails 4.0 x 90 mm
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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 12kN Pile Fixing Kits** are only available in SS304, therefore suitable for all environments listed.

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	

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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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