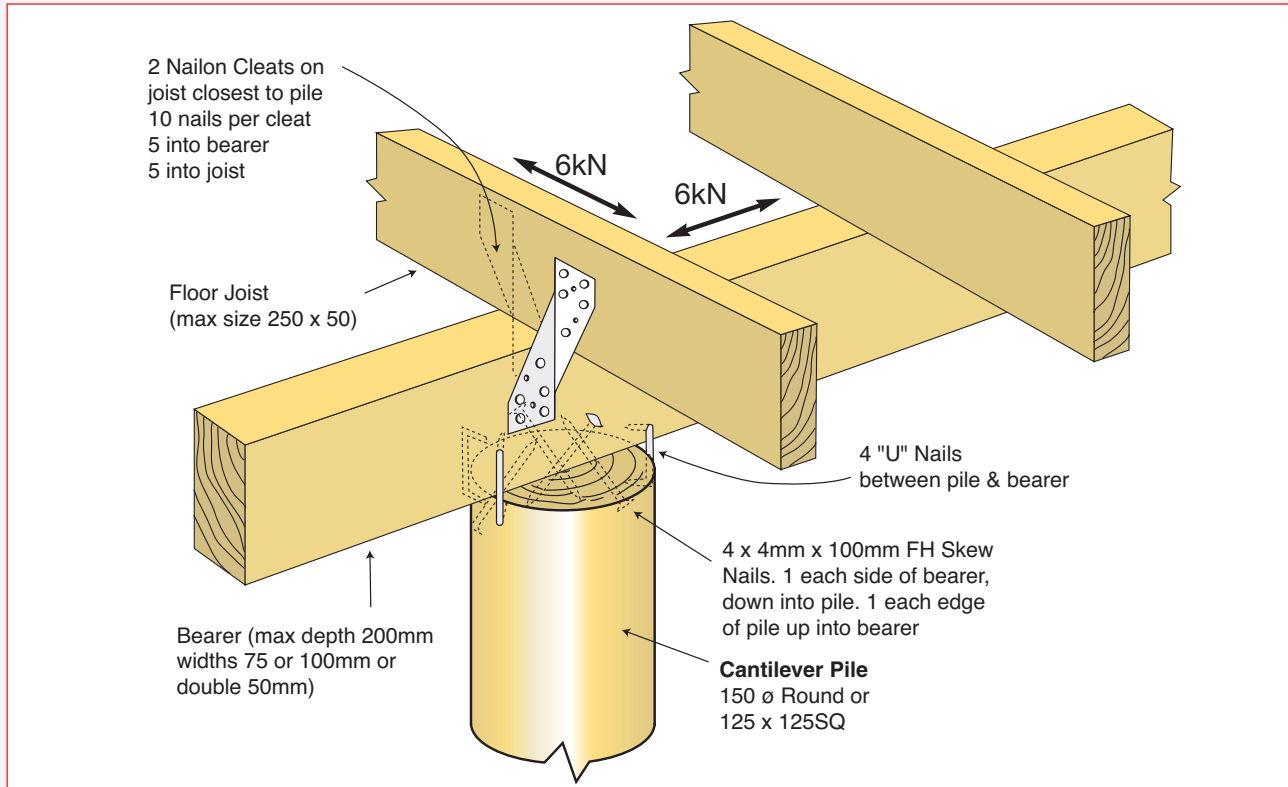


6 kN Pile-Bearer Kit

6 kN Capacity Fixing of Cantilever Pile to Bearer and Joists



6 kN Horizontal Capacity Fixing of Bearer/Joists to CANTILEVER PILE in accordance with NZS 3604:1999 Clauses 6.7.3.1, and 6.7.3.3.

Features

- Allows CANTILEVER Pile to be in line with and same height as other piles.
- Connection detail covers bearer sizes up to 200mm deep, joists up to 250mm deep.
- Design Capacity verified by extensive testing program carried out by Auckland Uniservices.
- All components supplied as one complete package.
- Available in all stainless steel components for use in environments with severe corrosion risk.

Installation

As detail drawing above but subject to the following:-

1. On round pile bearer must be central. Bearer may be offset on square pile but must not overhang edge.
2. Nailon cleats fix to joist closest to pile. At building corner where fixing to boundary joist is precluded fix cleats to next closest joist along bearer.
3. At external wall where joists do not overhang bearer enough for cleats to be fixed on outside face, they may be fixed to inside face only of that bearer provided a similar detail is used on the other side of the floor system.
4. Joist must have lateral support (blocking or perimeter joist) within 300mm of bearer in accordance with NZS3604:1999 cl 7.1.2.1.
5. All components must be protected after installation against wind-blown sea salt deposition by coating with 2mm thick grease, Selseys roof and gutter (silicone) sealant, or other approved coating.

Durability

Complies with NZ Building Code - Clause B2 for a structural component with 50 year durability.

PBK6: Standard Kit ("U" Nails and 100mm nails Grade 304 Stainless Steel, Cleats G250 Z600 galvanised steel coil, 45mm nails HDG) - Not suitable for use in the sea spray or geothermal zones. Components must be minimum 600mm above ground and the subfloor ventilations to be 7000 mm²/m² or less in zones 1, 2 & 3.

PBK6S: Severe Corrosion Kit (All Grade 304 Stainless Steel Components) - suitable for all sea spray zone conditions.

Specifications

"U" Nails:

5mm diameter, 100mm shank and 40mm spikes (4 off).

Cleats:

150 x 63 x 1mm diagonally folded (2 off).

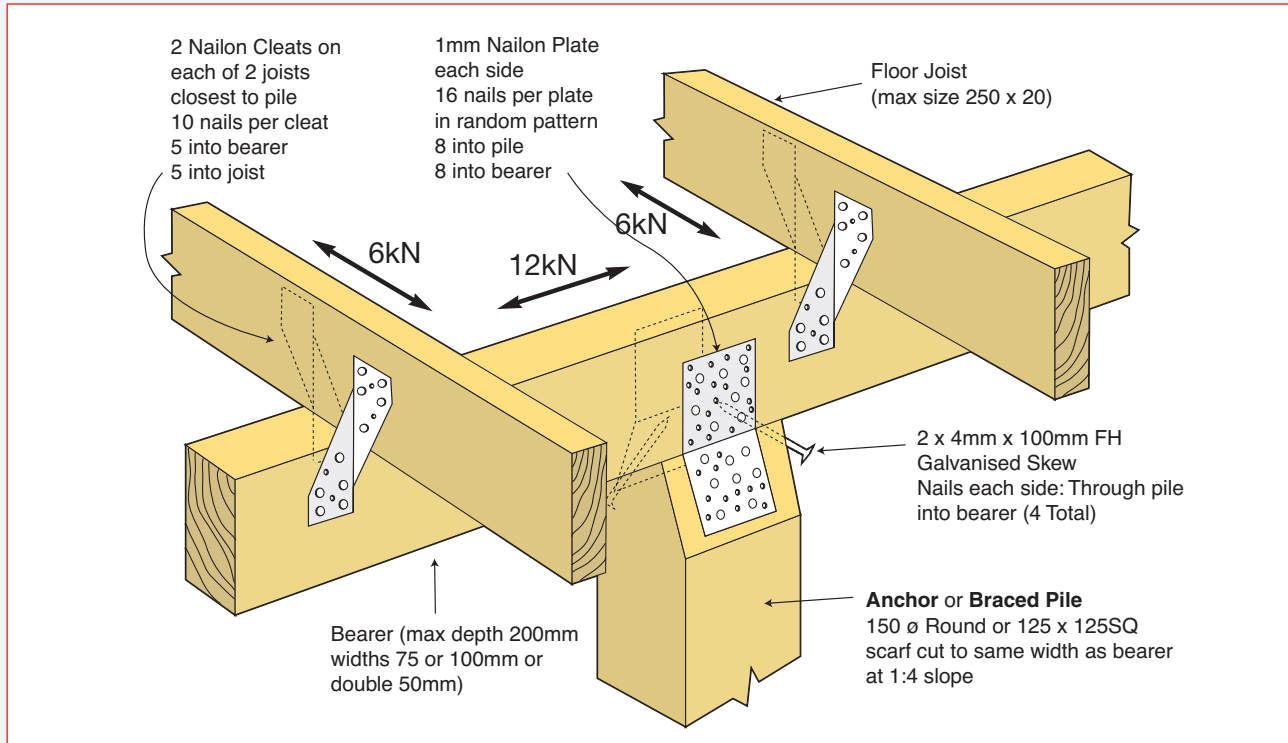
Nails:

45 x 3.15 Flat Head Square Twist (22 off)

100 x 4.0 Flat Head (4 off).

12 kN Pile-Bearer Kit

12 kN Capacity Fixing of Anchor/Braced Pile to Bearer and Joists



12 kN HORIZONTAL CAPACITY Fixing of Bearer/Joists to ANCHOR PILE or BRACED PILE, in accordance with NZS 3604:1999 Clauses 6.8.5, 6.8.6 and 6.9.3.

Features

- Allows ANCHOR/BRACED Pile to be in line with and same height as other piles.
- Connection detail covers both Anchor and Braced Piles, with bearer sizes up to 200mm deep, joists up to 250mm deep.
- Design Capacity verified by extensive testing program carried out by Auckland Uniservices.
- All components supplied as one complete package.

Installation

As detail drawing above but subject to the following:-

1. On round pile bearer must be central. Bearer may be offset on square pile but must not overhang edge.
2. Nailon cleats fix to two joists closest to pile. At building corner where fixing to boundary joist is precluded fix cleats to next two closest joists along bearer.
3. At external wall where joists do not overhang bearer enough for cleats to be fixed on outside face, they may be fixed to inside face only of that bearer provided a similar detail is used on the other side of the floor system.
4. Joists must have lateral support (blocking or perimeter joist) within 300mm of bearer in accordance with NZS3604:1999 cl 7.1.2.1.
5. Braced Piles - connection is required at top of both piles to which each brace attaches.
6. All components must be protected after installation against wind-blown sea salt deposition by coating with 2mm thick grease, Selseys roof and gutter (silicone) sealant, or other approved coating.

Durability

Complies with NZ Building Code - Clause B2 for a structural component with 50 year durability.

PBK12: Standard Kit (Nailon plates/Nails Hot Dip Galvanised, Cleats G250 Z600 galvanised steel coil) - Not suitable for use in the sea spray or geothermal zones. Components must be minimum 600mm above ground and the sub-floor ventilations to be 7000 mm²/m² or less in zones 1,2 & 3.

PBK12S: Severe Corrosion Kit (All Grade 304 Stainless Steel Components) - suitable for all sea spray zone conditions.

Specifications

Nailon Plates:

190 x 100 x 1 mm (2 off).

Cleats:

150 x 63 x 1mm diagonally folded (2 LH and 2 RH).

Nails:

45 x 3.15 Flat Head Square Twist (72 off)

100 x 4.0 Flat Head (4 off).