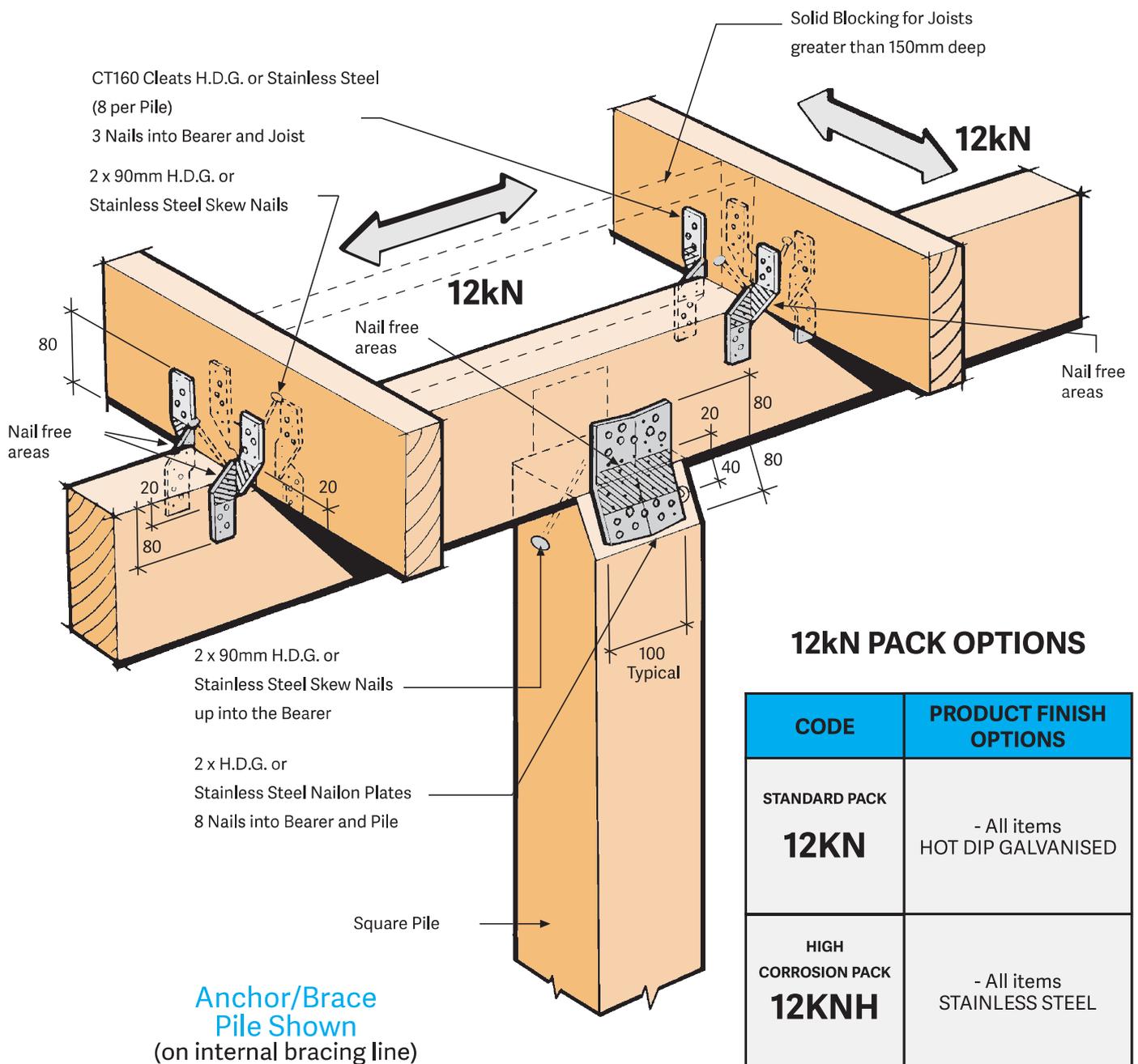


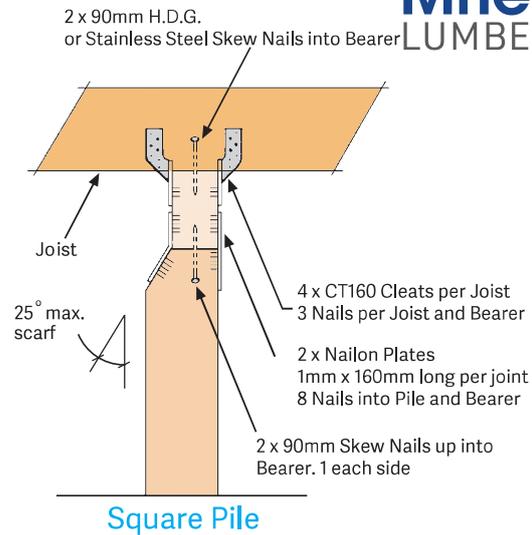
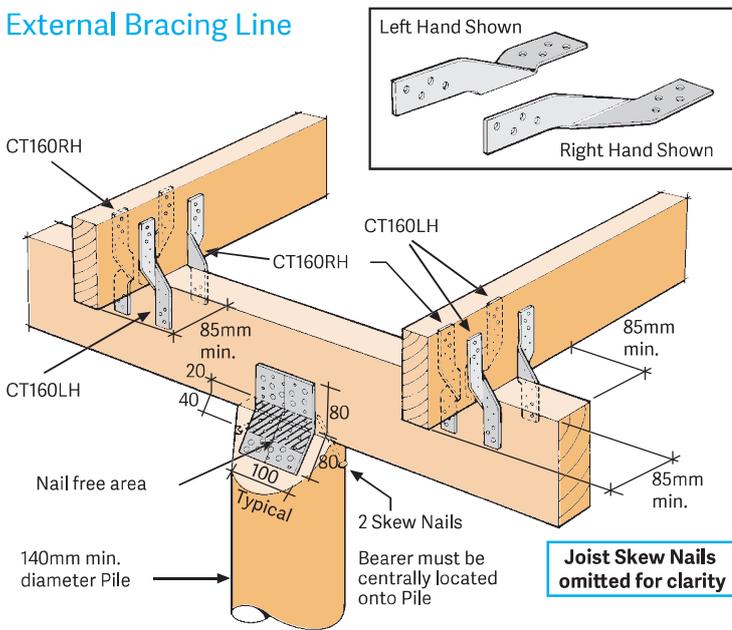
# 12kN PILE FIXING FOR BRACED PILES OR ANCHOR PILES

- The 12kN Pile Fixing must be installed in accordance with this brochure
- Auckland University Tested. Test Ref. 4613
- All subfloor construction must be in accordance with NZS 3604:2011
- NZS 3604 requires lines of lateral support to floor joists within 300mm of bearer or bracing lines, refer to Clause 7.1.2
- Joists deeper than 150mm require solid blocking over braced or anchor pile

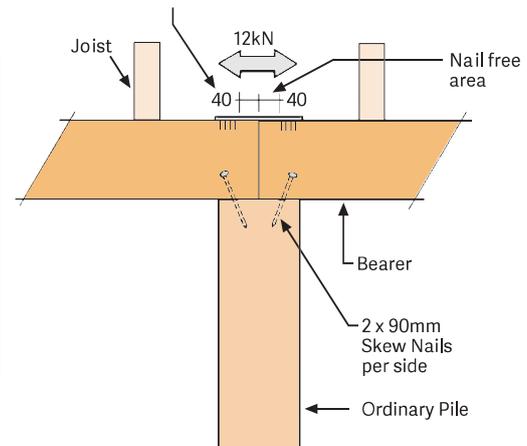


→ See next page for Corrosion Table

## External Bracing Line



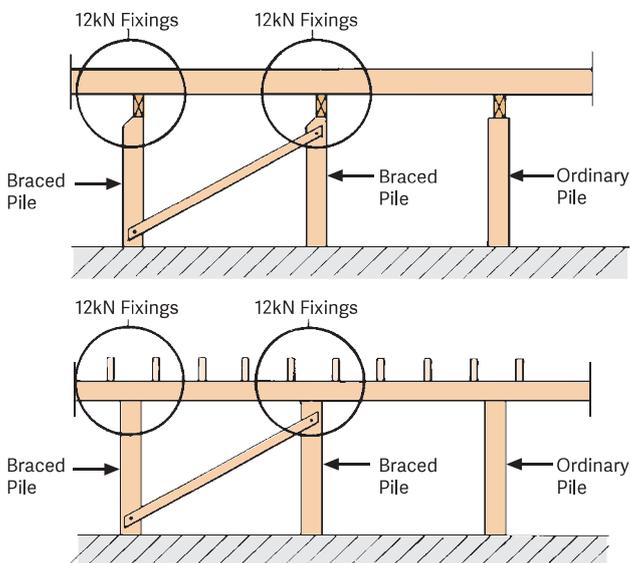
Nail Plate 1mm x 160mm long  
Fixed with 8 x 45mm Nails per end  
(ex 12kN Pile Fixing Pack)  
No Nails within 18mm of timber edge



### 12kN Bearer Splice

Clause 6.12.7.2  
NZS 3604:2011

CORROSION HAZARD USE TABLE	
<b>Standard Pack (12KN)</b> - Zones B & C - All Fixings ABOVE 600mm from Ground level	All items Hot Dip Galvanised.
<b>High Corrosion Pack (12KNH)</b> - Zone D - All Fixings BELOW 600mm from Ground level	All items Stainless Steel (304).



### Sample Subfloor Elevations

12kN Fixing - Pile to Bearer  
- Joists to Bearer

### 12kN Joint Fixing Schedule

- PILE TO BEARER**
- Nail Plate (2 per joint) 1mm x 100mm x 160mm long
  - 8 Nails per Plate into Pile
  - 8 Nails per Plate into Bearer
  - 2 skew Nails 90mm (1 per face)
- JOIST TO BEARER**
- CT160 Cleats (4 per Joist) 160mm long
  - 3 Nails per Cleat into Joist
  - 3 Nails per Cleat into Bearer
  - 2 skew Nails 90mm (1 per side)
- NAILS**
- 80 x 45mm x 3.55 dia. Spiral Nails
  - 6 x 90mm x 4 dia. Stainless Steel Nails (12KNH Pack only)

### 12kN Pile Set Contents

Each set represents 1 x 12kN Pile Fixing  
**(packed 4 sets per carton)**  
 2 x Nail Plates 160mm long  
 8 x CT160 Cleats  
 80 x 45mm x 3.55 dia. Spiral Nails  
 6 x 90mm x 4 dia. Stainless Steel Annular Groove Nails - 12KNH Pack

Refer front page for Product Finish Options

90mm H.D.G. Nails not included.