

Installation notes

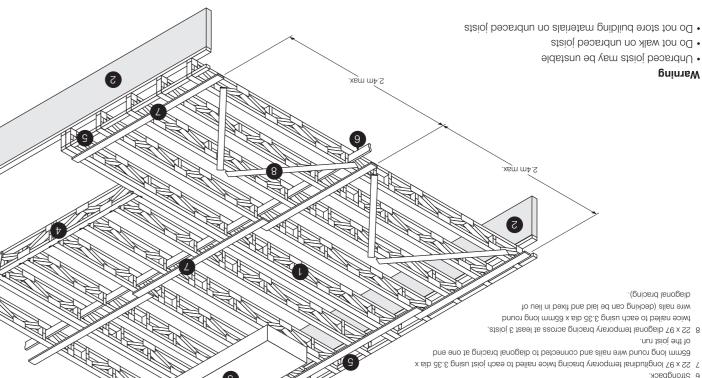
Unloading of joists and loose timber components

As a general principle, joists and associated components should be lifted and moved on a minimum number of

safely undertake the relevant work operations in accordance with both an Approved Method Statement and the Site

At all times the contractor responsible should allocate sufficient resources in terms of equipment and personnel to





1 FloorTrus.
2 Load bearing wall.
3 Construction materials may only be stored on the joists when all bracing is in place, the material should be

5 Top chord restraint noggins.

Temporary safety bracing for floors

4 Trimmer (SpaceJoist or other material) - Do not store construction material close to trimmers.

250mm high (150kg per joist at 600mm centres, 100kg per joist at 400mm centres) on braced floors.

spread over at least 4 joists and not more than 1.5m from a support. Floor/ceiling boards may be stacked up to







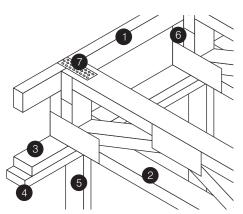
· Protect joists from inclement weather

· Store as described in the Installation notes

 $\bullet\,$ Use the open web feature for installation of services



Continuous end restraint (ribbon notch)



Timber frame rim beam (perpendicular to wall)

- Continuous end restraint (ribbon beam)
- 2 FloorTrus
- 3 Panel head binder
- 4 Panel top rail

1 FloorTrus

4 Sheathing

5 Base plate

8 Stud

7 Panel top rail

2 35 wide rim beam

6 Panel head binder

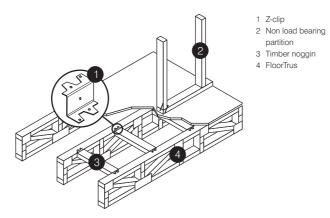
3 80 x 150 hand nail plate

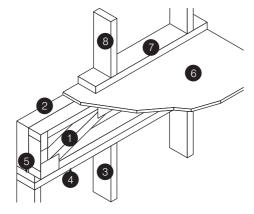
10 Timber noggin for fixing

11 Breather membrane

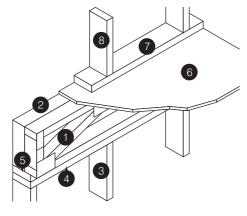
- 6 Block supporting the ribbon beam
- 7 80 x 150 hand nail plate

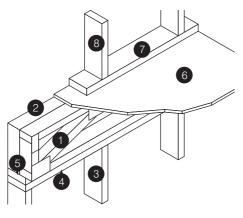
Non load-bearing partitions parallel to joists





Timber frame rim beam (parallel to wall)





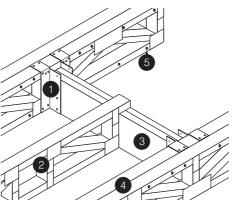
1 FloorTrus

partition

- 2 Rim beam 3 Supporting stud
- 4 Panel top rail
- 5 Panel head binder
- 6 Floor deck
- 7 Panel bottom rail

8 Upper floor stud

Stair opening (engineered timber trimmer)



Strongback detail (fixed to vertical webs)

- 2 Top hung FloorTrus 3 Engineered timber
- trimmer
- 4 Multiple FloorTrus

1 Hanger

5 Drive screw

1 FloorTrus

2 Strongback fixed at every

top chord as shown

joist against underside of

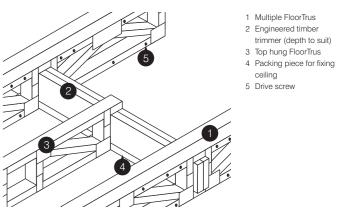
using 2 no. 3.35mm dia x

75mm long galvanised

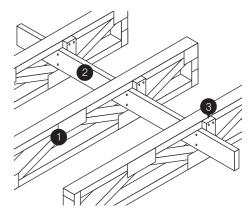
round wire nails (refer to

the table for strongback

Narrow opening (pocket beam)



Strongback detail (fixed to timber nailer blocks)



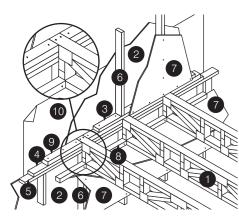
1 FloorTrus

1 Multiple FloorTrus

trimmer (depth to suit)

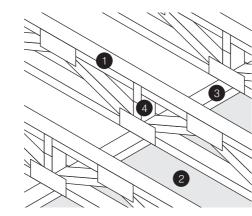
- 2 Strongback fixed at every joist against underside of top chord as shown using 2 no. 3.35mm dia x 75mm long galvanised round wire nails(refer the for strongback size)
- 35 x 97 Nailer block fixed to top and bottom chord using 2 no. 3.35mm dia. x 75mm long galvanised round wire nails

Timber frame top hung joist



- 1 FloorTrus
- 2 Sheathing
- 3 Base plate
- 4 Panel head binder
- 5 Panel top rail 6 Stud
- 8 Timber noggin
- 9 Noggin size to match panel head binder width and joisttop chord depth 10 Breather membrane

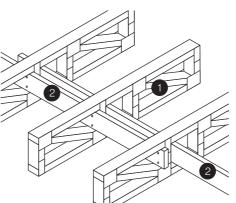
Internal bearing



- 1 FloorTrus
- 2 Internal load bearing wall
- Wallplate
- 4 Single or double vertical web positioned centrally over the wallplate

NOTE: BLOCKING IS REQUIRED BETWEEN JOISTS UNLESS WALLS ARE BUILT UP BETWEEN

Strongback joint detail (fixed to vertical webs)



- 1 FloorTrus
- 2 Strongback fixed at every joist against underside of top chord as shown using 2 no. 3.35mm dia x 75mm long galvanised round wire nails (refer the table for strongback size)

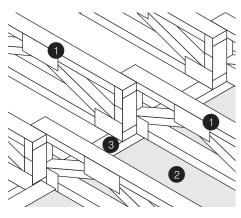
Strongback tables

Span (m)	Strongback spacing
< 4	None
4 - 8	1 at centre of span
> 8	2 at equal spacing

Depth (mm)	Strongback spacing
< 250	35 x 72 TR26 or 44 x 72 C16
250 - 300	35 x 97 TR26 or 44 x 97 C16
> 300	35 x 147 TR26 or 44 x 147 C16

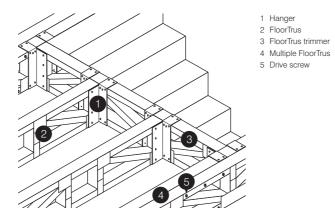
These tables are to be read in conjunction with all strongback details

Shared internal bearing

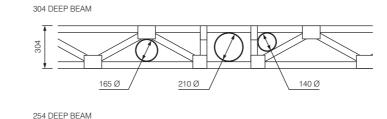


- 1 FloorTrus
- 2 Internal load bearing wall 3 Wallplate

Stair opening



Typical FloorTrus opening sizes



110 Ø