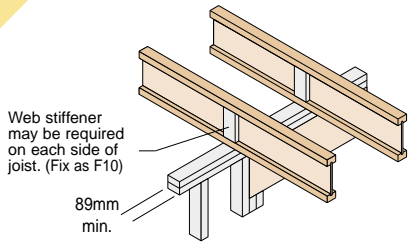
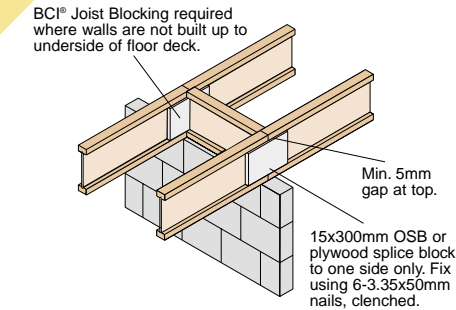


Floor Details

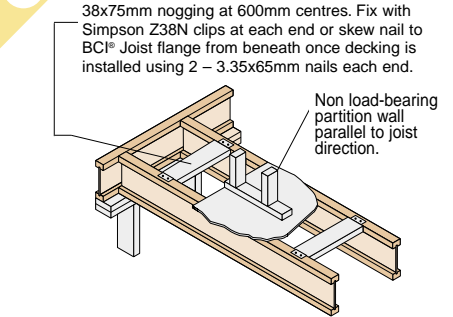
F6a Intermediate bearing – Non-load bearing wall above



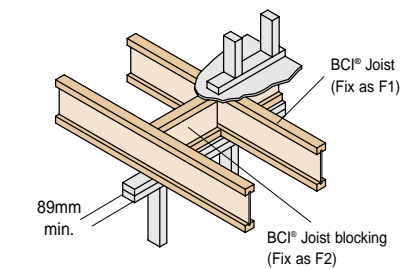
F6b Discontinuous joist on wall



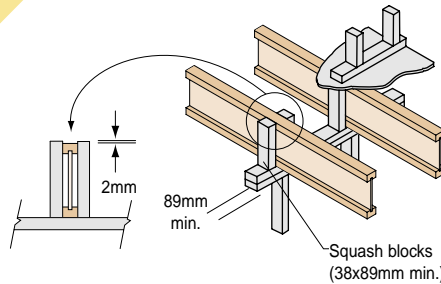
F7 Non load-bearing parallel partition



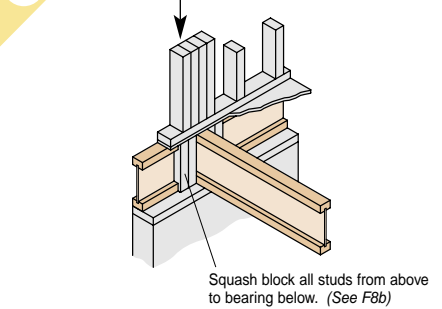
F8a Load bearing internal wall above (aligned over wall below)



F8b Load bearing wall above (aligned over wall below)



F9



F10 Web Stiffener Attachment

Small gap: 3mm min., 50mm max.

Joist Depth	Stiffener Size
241	2 - 3.35x65mm
302	3 - 3.35x65mm
356	5 - 3.35x65mm
406	6 - 3.35x65mm

50mm min. (top and bottom gaps)
Tight fit to bottom flange.

Note: Web stiffeners are not required for BCI Joists unless used in hangers that do not extend up to restrain the top flange of the BCI Joist or as required by design.

OSB or Plywood Web Stiffener:

40s	12x60mm min.
45s	15x60mm min.
60s	22x60mm min.

F10a Web stiffener applications

Intermediate Bearings: Web Stiffeners may be used to increase allowable reaction values.

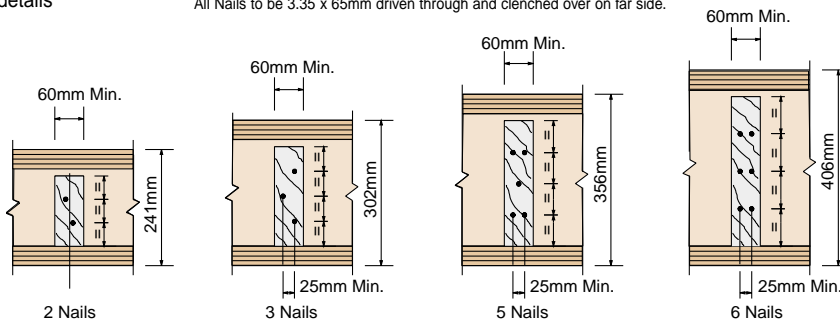
End Bearings: Web Stiffeners may be used to increase allowable reaction values.

Partial Depth Hangers (not supporting top flange): Web Stiffeners are always required in hangers that do not extend up to support the top flange of the BCI Joist.

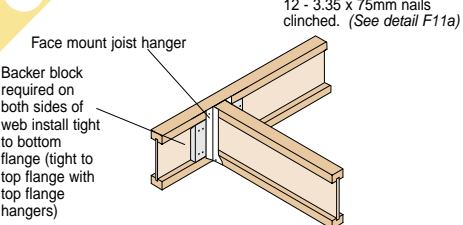
Concentrated Loads: Web Stiffeners are always required under concentrated loads that exceed 4.5 kN.

F10b Web stiffener fixing details

All Nails to be 3.35 x 65mm driven through and clenched over on far side.



F11 Backer block applications



Series	Backer Block Thickness	Depth	Backer Block Depths
40s	15mm wood panel	241mm	147mm
45s	18mm wood panel	302mm	219mm
60s	Two 12mm wood panels	356mm	268mm
		406mm	318mm

F11a

