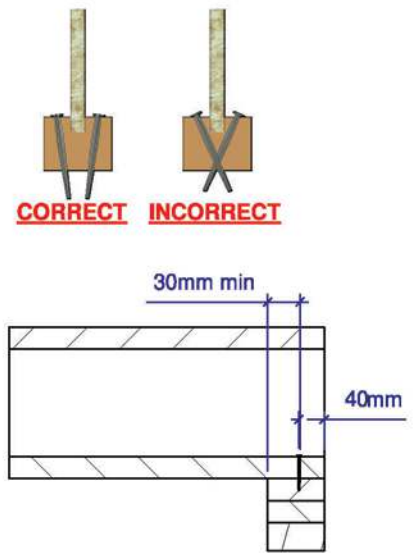


Squash blocks

Transfer load from above to bearing below. Install squash blocks as per table below. Match bearing area and timber grade of squash blocks to posts above and below.

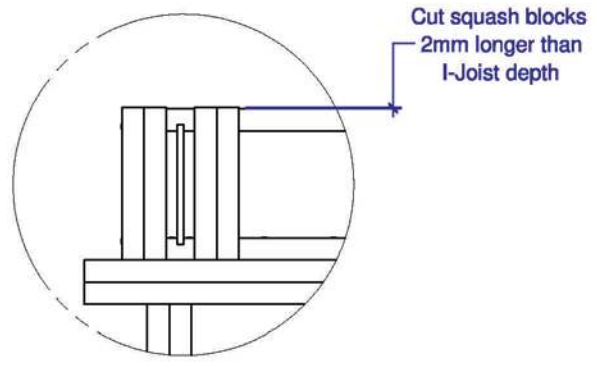
Minimum 35mm end bearing required for I-Joists

I-JOIST BOTTOM FLANGE FIXING



CORRECT INCORRECT

Attach I-Joist blocking to top plate with Ø3.15x65mm nails at 150mm o.c.
To avoid splitting the flange, start nails at least 40mm from the end.
Drive nails at an angle to prevent splitting of the bearing plate.(when used for shear transfer, nail to the bearing plate with the same nails as required for decking).



JOIST END VIEW

Note: Squash blocks are assumed to be in full bearing on the plate below. Fasten squash blocks to the top flange and to the top plate with one Ø3.15x65mm nail.

Squash Blocks	I-Joist	Squash Blocks Cross Section (mm x mm)	Max. Factored Vertical Load per Pair of Squash Blocks (kN)	
			MGP10 wall plate bearing analysis included	
			No	Yes
MGP10 (min.grade)	max. 400mm	35 x 90	64	30
		45 x 90	82	39
		45 x 140	127	61

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DATE CREATED: 28/07/2020
DRAWN BY: B.S
CHECKED BY: --
DWG REV: --

TITLE:
**DETAIL 1E
CONCENTRATED LOADS AT STUDS
OR POSTS**

NOTES:
1. Dimensions are in millimetres.
2. Tolerance on all dimensions to be +/- 0.5mm unless noted otherwise.
3. Written dimensions take precedence over scaled dimensions.

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SIZE
A4
SCALE
N.T.S