

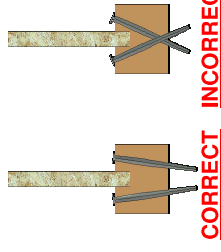
**I-JOIST BOTTOM FLANGE FIXING**

Rim I-Joist or blocking panel

Attach Rim I-Joist to top plate with Ø3.15x65mm nails at 150mm o.c.  
(when used for lateral shear transfer, nail to the bearing plate with the same nails as required for decking.)

Squash blocks

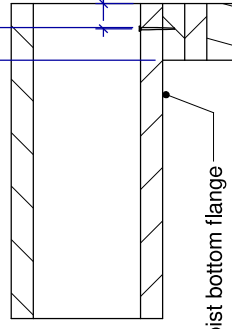
Minimum 35mm end bearing required for I-Joists



**CORRECT**

**INCORRECT**

30mm min

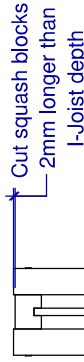


I-Joist bottom flange

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).



Out squash blocks 2mm longer than I-Joist depth

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.

**JOIST END VIEW**

Squash Blocks	I-Joist	Squash Blocks Cross Section (m m x m m)	Max. Factored Vertical Load per Pair of Squash Blocks (kN)	
			MGPT10 wall plate bearing analysis included	
MGPT10 (m in, grade)	max. 400mm	35 x 90	No	Yes
		45 x 90	64	30
		45 x 140	82	39
			127	61

your partner for engineered timber solutions

**DINDAS AUSTRALIA**  
ENGINEERING DIVISION

433 Wondall Road, Tingalpa 4173, Queensland

DATE CREATED: 28/07/2020

DRAWN BY: B.S

CHECKED BY: --

DWG REV: --

TITLE:  
**DETAIL 1D**  
**SQUASH BLOCKS**

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.

Private Confidential & Copyright  
This drawing is the exclusive property of Dindas Australia. Copyright & all rights reserved. You hereby agree and undertake that you will not in anyway utilize, copy reproduce or take advantage of the drawing (or any part thereof) and disclose any information to other parties without the written consent of Dindas Australia.

SIZE  
A4

SCALE  
N.T.S