

Z2 — Z-Clip

The Simpson Strong-Tie Z Clip is the ideal method to connect flat blocking between joists or trusses to support sheathing, trimmers or noggings between I-Beams and Floor Trusses to internal bracing walls.

Features and Benefits:

- Z clips reduce timber splitting as nails are installed to the wider face of timber members.
- Transfers lateral shear forces as required by Residential Timber-Framed Construction Standards AS 1684.2 and AS 1684.3 Appendix J5 and AS 1684.4 clause 8.3.2.8.
- Quick and easy to use - Installed with (4) 3.75mm nails per Z-clip.
- Z275 galvanised coating offers corrosion resistance for long-lasting performance.

Material: 1.0mm Steel

Finish: Z275 Galvanised

Installation

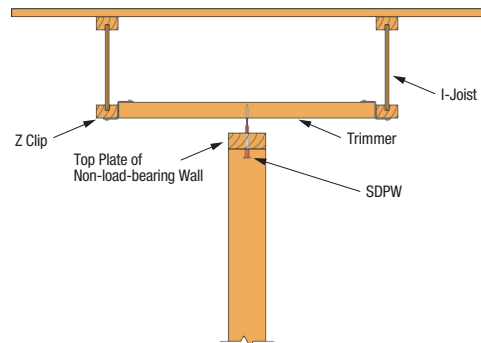
- Use all specified fasteners.
- Z clips do not provide lateral stability. Do not walk on stiffeners or apply load until diaphragm is installed and nailed to stiffeners. Use all specified fasteners.

Construction Details

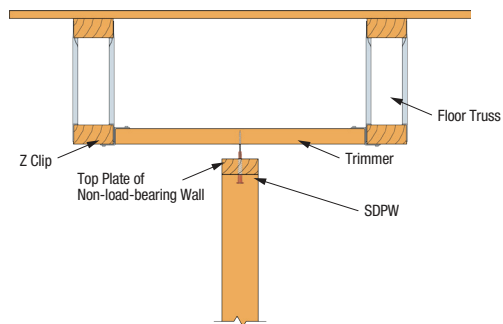
See illustrations on the right

Typical Z-clip Installation

I-Joist: Connects to top of trimmer and bottom of joist.



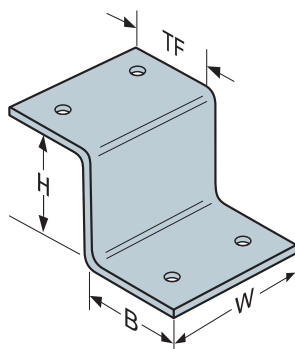
Floor Trusses: Connects to top of trimmer and bottom of joist.



Z-Clip Technical Data

Model No.	Thickness	Dimension (mm)				Total Fasteners (Total) (mm)	Limit State Design Shear Capacity per Pair of Z Clips (kN)	
		W	H	B	TF		Joint Group of Joist/Top Plate	
Z2	1.0mm	58	38	35	35	(4) 38mm x 3.75mm	JD4 = 5.0	JD5 = 3.6

1. The design capacities in the table have been calculated using procedures given in AS 1720.1 and incorporate the Category 1 capacity factor (ϕ) for houses. For other categories, multiply the design capacities by 0.94 for Category 2 and 0.88 for Category 3 buildings.
2. Fasteners: Nail dimensions in the table are listed length by diameter. For additional information, see Fastener Types and Sizes Specified for Simpson Strong-Tie Connectors.



Z2 Dimensions