



TECHNICAL NOTE:

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Alternative fixing methods for Meyer Timber brackets

Numerous brackets supplied by Meyer Timber are supplied with 3.75Øx35mm long nails for fixing. This is a minimum requirement as noted in the installation guide but it does not preclude the use of alternate connectors. This technical note outlines other suitable connectors that may be used. Bracket types include IJF series Face Mount I-Joist hangers and MH series framing brackets. Note that this note does not apply to high load brackets where standard fixing is using 14g x 40mm long Type 17 screws.

Screws:

12g x 35mm long Type 17 Hex head screws (conforming to AS3566) are suitable to be used for bracket fixing. By using 50% of the required nails (ie: for every two nails, use one screw) the full bracket capacity will be maintained. A minimum of 4 screws are required to be installed, and the above screws should not be used for the IJT series of Top Mount I-Joist hangers.

Gun Nails:

There are a number of Pneumatic and Gas operated nail guns that have been developed especially for installing connector nails. One example is the Simpson Strong-Tie CCN64 pneumatic connector nailer. These tools have a nail hole location mechanism and defined depth gauge so the nails are installed in the existing bracket holes without being overdriven. Minimum equivalent nail diameters and lengths must be used to develop the bracket capacity. Standard framing gun nails should not be used for installation of Meyer Timber brackets.

All other aspects of bracket fixing must be in accordance with the relevant installation guide. If in doubt contact the local Meyer Timber office for further information.

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