

1.21 - Plywood fixing

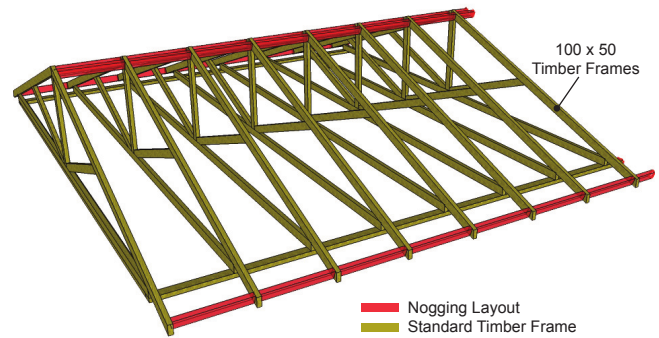
A number of roofing problems may occur as a result of defects in the underlying roof structure. Therefore it is important that the materials supporting the roof be properly installed.

Poor ventilation can result in an accumulation of moisture that eventually condenses on the underside of the roof deck.

The plywood that is used is 15mm thick, DD grade (Tongue and Groove) and does not need to be treated in a Truss Roof situation; however it does need treatment in a Skillion or raftered roof (see New Zealand Building Code 3604).

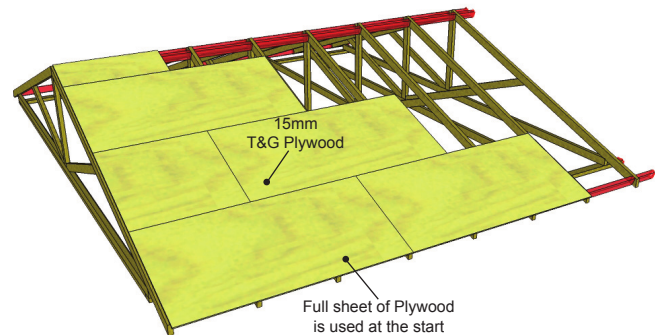
The plywood is to be laid with staggered joints and nailed with 60mm Flathead Ring Shank nails at a maximum spacing of 150mm from the around the outside of the sheet and 300mm to the centre of the plywood.

Fig 1.22 - Before Plywood installation.



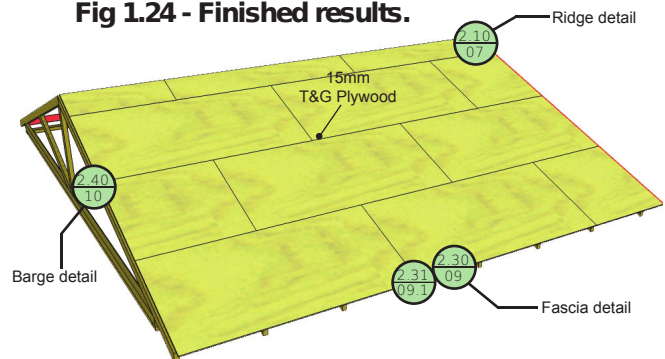
All noggings must be installed and supplied by the main contractor to allow fixing of plywood.

Fig 1.23 - Staggered Installation of Plywood.



Plywood sheets must be Staggered in order to increase shear strength.

Fig 1.24 - Finished results.



Finished results should look similar to above.

File Name: 1.21 - Plywood Fixing Installation.ai	Scale: N/A	Drawn By: I.M	Date: 28th January 2013
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Drawing Name: Plywood Fixing Installation Details	Sheet: 02
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