## 1.21 - Plywood fixing

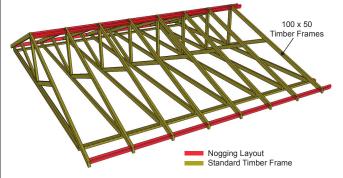
A number of roofing problems may occur as a result of defects in the underlaying roof structure. Therefore it is important that the materials supporting the roof be properly installed.

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 Skilion or raftered roof (see New Zealand Building Code 3604).

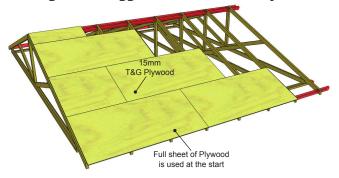
The plywood is to be laid with staggered joints and nailed with 60mm Flathead Ring Shank nails at a maximum spacing of 150mm from the around the outside of the sheet and 300mm to the centre of the plywood.

Fig 1.22 - Before Plywood installation.

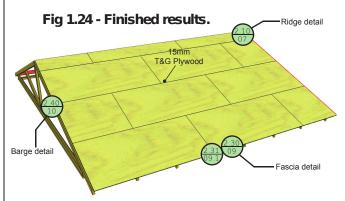


All noggings must be installed and supplied by the main contractor to allow fixing of plywood.

Fig 1.23 - Staggered Installation of Plywood.



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



Finished results should look similar to above.

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



- All constructions are to comply with New Zealand Building Standards and Territorial Authority Regulations
- Territorial Authority Regulations.

  \* The contractor shall verify all dimensions and levels on site before commencing work.
- \* These drawings are not to be used for construction without Territorial Authority Consent.
- \* Do not attempt to reproduce these drawings in any unlawful manner without the consent of
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