













Assemble product suite and establish characteristics and performance

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Objective 5 — Assemble the product suite and establish its characteristics and in-service performance

- 5.1 Experimental product assembly
- 5.2 Product characterisation and testing
- 5.3 Product assessment in-service

Experimental product assembly

- Objective 1 to provide guidance
 - delay in output being delivered
- Understanding of veneer properties, characteristics and performances
 - Delays due to trial 2 producing limited veneer; Trial 3 compromised in veneer quantity and quality due to supporting equipment limited performance
 - Trial 4 successful in producing quantity and quality required
- Understanding of adhesive performance
 - DAF have undertaken trials and identified suitable adhesives and manufacturing protocols
- Identify several products to pursue

Queensland DAF developments

- Processing
 - Veneer thickness
 - Quality
- Mechanical performances
 - May restrict suitability for some products
 - Options for more advanced construction strategies
- Attractive appearance qualities
 - Veneer v's sawn
 - Colour (variation)
 - Fibre structure

Queensland DAF developments

- Plywood
- LVL
- Overlay products
- Engineer flooring
- Multilaminar
 - Sawn
 - Turned
- Blockboard
- Finishes

Plywood





Advanced veneer and other product from coconut wood

Laminated veneer lumber







Engineered flooring



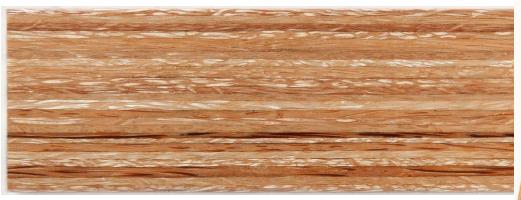


Advanced veneer and other product from coconut wood

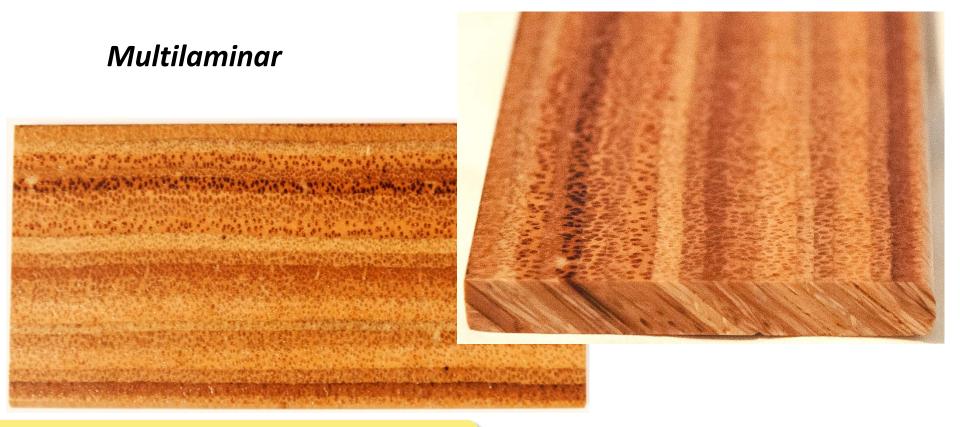
Multilaminar



Multilaminar







Multilaminar





Department of Agriculture and Fisheries

ACIAR FST/2009/062 Development of advanced veneer and other products from coconut wood to enhance livelihoods in South Pacific communities

DAF Report - Cocoveneer product development

Report 1

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Product characterisation and testing

- Larger scale product manufacture
- Optimised construction strategies
- Manufacturing protocols
- Mechanical properties
- Product performances

Product assessment in-service

Scaled up assessments

Questions











