

ACIAR project



Market potential
for coconut veneer

Content



- Probable CocoVeneer markets
- Assessment for performance and quality
- Conclusions.

Probable CocoVeneer markets



Optimum value is likely to be achieved by:

- Batching the veneer by colour and density.
- Grading it to a standard adapted to suit coconut veneer's particular characteristics.

Probable CocoVeneer markets



The most profitable markets for CocoVeneer products are likely to be for plywood and LVL products in architectural surfaces, linings and joinery.

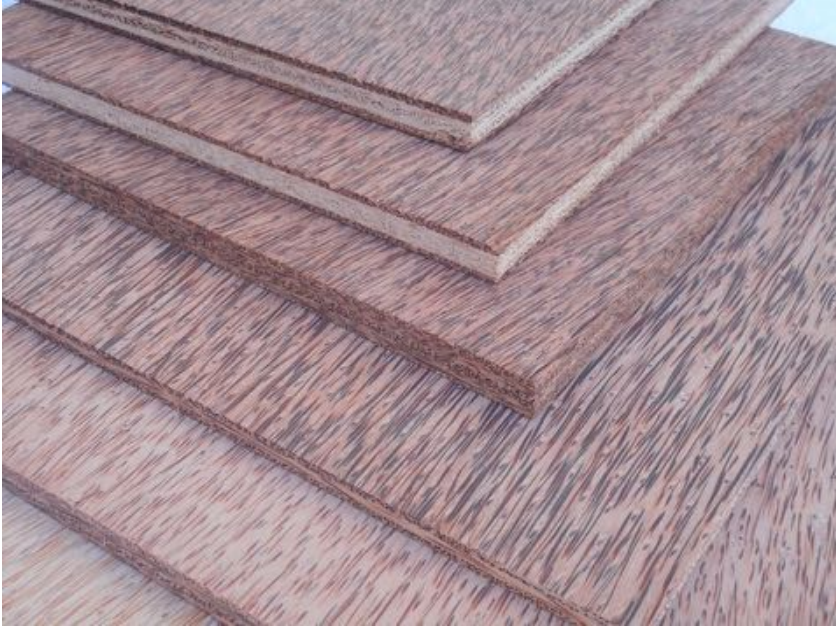
Uses may be found for all recovered material by combining coconut veneer with wood veneers in composite structural products

Probable CocoVeneer markets

Table 1: Likely utility of coconut veneer in applications and products
 (HD= density > 600 kg/m³, MD= density 400 - 600 kg/m³, LD= density < 400 kg/m³)

Application	Likely high utility	Likely medium utility	Likely low utility
Flooring	✓ HD, MD for sheet ply flooring or overlay on substrate.		
Lining	✓ HD, MD, LD for veneered board or ply		
Joinery surfaces (sides)		✓ HD, MD, LD for veneered board or ply	
Joinery surfaces (tops and solids)	✓ HD, MD for veneered board, ply or LVL		
Bench tops	✓ HD, MD for ply or LVL		
Architectural structures		✓ HD, MD for LVL	
Form ply			✓ HD, MD for face veneer
Structural ply (Face material)			✓ HD, MD for face veneer
Structural ply (core material)		✓ HD, MD, LD	
LVL			✓ HD, MD
Specialist light plywood	✓ LD with HD face veneer.		

Samples



CocoVeneer plywood samples

Render imaging



Render of CocoVeneer joinery

Render imaging



Render of CocoVeneer engineered floor

Conclusions

CocoVeneer is:

- Visually attractive, usefully hard, and available in a range of tones.
- Different to wood veneers, relatively weak structurally, and demanding to work well.

Quality production is necessary to produce quality output.

Questions



Australian Government
Australian Centre for
International Agricultural Research



Queensland
Government



Pacific
Community
Communauté
du Pacifique



UNIVERSITY of
TASMANIA