



# COCONUT WOOD HIGH QUALITY FLOORING

## LOGGING, LOG SELECTION AND MILLING

**STRICKLAND  
BROTHERS LTD**



# Outline

- Coconut Logging
  - Fiji
  - Samoa
- Palm and Log Selection
  - Palm selection
  - Log selection
- Milling Process
  - Sawing
  - Treatment
  - Stacking and drying

## Coconut Logging - Samoa



- Coconut logging in Upolu (Mulifanua & Samatau) and Savaii (Salalevalu) – Wood properties trial.

## Coconut Logging - Fiji



Coconut Logging in Savusavu (Nagigi) and Taveuni (Vunivasa estate) – For the wood properties trial.

# Palm Selection



- Age of trees
- Trees not bearing nuts



- Height
- Absence of bark scars (fallen branch)

# Log Selection



- High density wood – darker part of the stem
- Straightness

# Milling Process - Sawing



- Bandsaw cutting – Forestry Band sawmill ( Suva)
- Circular saw cutting – Strickland Bro. Portable mill (Apia, Samoa)

# Milling Process

## Preservative treatment



- Susceptible to stain, mould and insect damage
- Old treatments not safe
- New treatments found to protect cocowood



# Milling Process - Stacking & Drying



- Stacking by grade - high, medium and low dense
- Packet to be filleted before drying
- Cocowood stacks to be dried under cover.

