

# Features & Benefits

## FEATURE

## CUSTOMER BENEFIT



1. High Yield Mechanical Pulps use low levels of chemicals to break down the fibres.



The natural bulk and strength of the fibre is retained to provide a cost saving in the overall furnish.



2. Softwood species have longer fibres with larger diameter and thicker cell walls.



Naturally bulky fibres means fewer tonnes of pulp are required to achieve the same calliper of board.



3. Radiata Pine has less variation in fibre size than other softwood species.



Predictable performance in the finished product.  
High bulk but still with moderate strength provided.



4. Pan Pac has been producing Mechanical Pulps since 1972 and has amassed significant expertise and experience. We own and manage our forest estate surrounding the mill site.



Consistency and reliability of fibre supply all year round, with the optimum fibre available to the pulp mill making the pulp more consistent.



5. Pan Pac pulp is made from 100% virgin fibre. The Pulpmill is fully integrated with NZ's largest Radiata Pine sawmill on the same site.



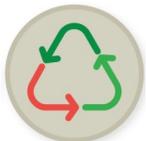
Fresh outer wood (sawmill residual) chips make the best BCTMP.  
No risk of RCP chemicals entering the furnish.



6. Two stage Peroxide bleaching system



Bleaching chemicals are recycled for maximum efficiency and lower residual chemical remaining in the finished product.



7. Three stage pulp washing using the latest technology



Lower extractives levels remain in the pulp preventing resin build ups on board machines and requiring lower chemical ionic demand on the machine.



8. Sustainable forest management certification and ISEGA Food Contact Certification.



Finished board products can be marketed to a smaller, discerning and premium priced market.  
Suitable for direct food contact applications.



9. High density bales at 270kg/bale.



Less pulp storage required and reduced number of handling movements per tonne of pulp.



10. Common shareholding and aligned strategies of the Pan Pac production facility and OPIT sales and marketing teams.



Direct and transparent relationship through the whole supply chain.  
From planting the tree through to you, the customer, we are One Company dedicated to supporting your ongoing business.