

Integrated. Genuine. Innovative.



Company Profile

Postal Address

65 Thames Street
Box 3353, Onekawa
Napier 4142
New Zealand






Contact Details

PHONE 64 6 834 3435
FAX 64 6 833 6409
EMAIL pwp@pwp.co.nz
WEB www.pwp.co.nz



We are a Vertically Integrated Forest Products Company

At PWP we specialise in the manufacture of world class, appearance grade, lumber products. As a subsidiary of Pan Pac Forest Products, we are unique in our ability to grow and harvest our own trees locally. From there we mill and kiln-dry the raw timber using state-of-the-art energy-efficient machinery. This enables us to maintain total control of all quality parameters from the harvest of logs right through to delivery to our customers.

-  Your Product
-  Our Manufacturing Plant
-  Our Kilns
-  Our Mill
-  Our Forests

Benefits of Vertical Integration:

- We have detailed knowledge of our resource which allows us to match natural characteristics to the end products.
- Log stocks are kept fresh between harvesting and drying.
- Sawmill cutting patterns are designed to separate lower density core wood from higher density sapwood used in the manufacture of our appearance grade products.
- Sizing in the sawmill can be designed to match our final products.
- Kiln drying schedules are designed for appearance grade products with slow ramp up times and reconditioning to ensure the long-term stability of our products in service.
- Supply chain lead times can also be reduced and controlled by having an integrated team approach to our customer's requirements.

Manufacturing & Distribution

We maintain accurate control over our product manufacture by employing sophisticated computer systems in the sawmill, drying, conditioning and remanufacturing environment. This advanced technology is used to control the process variables inherent in timber manufacturing. Critical variables are monitored dynamically in real time. We also use the most up-to-date scanning and optimisation technology to control grade outputs.

In a global economy we are geared to deal with international business demand through distribution of our products via Pan Pac owned distribution outlets in the USA, Japan and China.



Up to date scanning and optimisation technology.



Our Environment

PWP/Pan Pac takes a holistic approach to the environmental management of its business. From the growth and management of its forest estate through to processing and product manufacturing we seek to reduce and eliminate environmental impact.

We always consider 'whole of forest solutions' in order to use every part of our forest resource. For example, low value logs and waste sawmill chip are turned into pulp for paper products, while high value logs are sent to our sawmill.

All residual products including sawdust and shavings from PWP are returned to Pan Pac to be used as biofuel in their two boilers. This energy is then used to generate high-pressure steam for the co-generation plant and low-pressure bypass steam for kiln drying lumber as well as electricity generation (12 MW capacity).

We also have environmental management policies on waste water management and recycling.

Areas of our forests are available for public access with the Eskdale Forest having one of the largest mountain biking facilities in NZ.

Forest Stewardship Council (FSC)

Our forests are managed under a broad environmental management policy. FSC is the premier forest and forest product certification that is recognised worldwide by suppliers, retailers, and consumers.

We achieved Forest Stewardship Council (FSC) certification for responsibly managed forests in 1998 (SGS-FM/COC-0850). We hold the Chain-of-custody (COC) certificate (SGS-COC-0889) covering the manufacturing of product through to completion. Chain-of-custody certification provides a guarantee about the production of FSC-certified products. Chain-of-custody is the path taken by raw materials from the forest to the consumer, including all successive stages of processing, transformation, manufacturing and distribution.

The Trademark of the Forest Stewardship Council (FSC) indicates that the wood used to make the product comes from a forest which is well managed according to strict environmental, social and economic standards. The forest of origin has been independently inspected and evaluated according to the principles and criteria for forest management agreed and approved by the Forest Stewardship Council. FSC is an international, non-profit association whose membership comprises environmental and social groups, and progressive forestry and wood retail companies working in partnership to improve forest management worldwide.



By buying products with the FSC label you are supporting the growth of responsible forest management worldwide.

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Our Products Carry the FSC Mixed Sources Logo

The mixed FSC credit system is one of 2-3 types of systems allowed by the FSC council. It provides for companies that cannot source 100% of their logs as FSC accredited timber (this applies to most companies). A mixture of FSC and non FSC logs can be processed under this system. However this is only on condition that the non FSC logs meet specific criteria outlined in 'Controlled Wood Categories' below.

The system allows a mill to sell the same amount out, labelled as FSC mixed source, as there are pure FSC logs fed into the mill (multiplied by the mill conversion factor). We keep ongoing records to verify the input and sales of FSC Mixed product.

Controlled Wood Categories

For the purpose of compliance with this standard, the company manages its controlled wood sources to exclude the categories outlined in FSC-STD-30-010 FSC standard for forest managers supplying controlled wood:

- Wood harvested from forest areas where traditional or civil rights are violated;
- Wood harvested from non FSC-certified forest areas having high conservation values which are threatened ;
- Wood harvested from genetically modified (GM) trees;
- Illegally harvested wood;
- Natural forest that has been converted to plantations or non-forest use.



We Develop & Produce Innovative Products

Our drive to develop quality products comes from two areas; firstly to utilise all parts of our forest resource and secondly to deliver value-added finished products to the end consumer. In order to deliver finished product to our customers, we invest in research and development of value added products. To improve lumber recovery we develop products and markets to accept the variety of grades contained in our feedstock.

Our lumber recovery is made up of :

- 70% High Grade which is transformed into untreated Clearboard™ for interior DIY projects and Paint Grade Contour Exterior™ and Contour Interior™ moulded products.
- 15% Tight Knot Grade which can be turned into cavity battens and furniture components.
- 5% is classed as Knotty and can be used as door cores or filling laminates in lintels and beams.

Research & Development

This process is about understanding the customer's needs and desires and converting these into technical solutions. We have a focus on continuous product improvement.

We are in regular contact with customers to ensure their needs are met ahead of time. This is augmented by research in key markets looking at consumer drivers. In effect we are trying to understand what our customers are looking for in the future and seeking to develop products that meet this future need.

Advanced engineering methods such as Quality Function Deployment (QFD) are used to interpret these customer requirements into technical parameters that lead to product improvement.

Unique research such as the 'Watershed' project have characterised and analysed our resource allowing us to manufacture end products scientifically. This scientific platform will provide the basis for new and emergent products, which will be released to market in the future.

Our pursuit of product excellence has seen us always looking for proven technologies that give the finished product an environmental or technical advantage. We were one of the first sites to utilise Purbond Polyurethane Adhesives – Formaldehyde free and fully waterproof (awarded Purbond customer achievement award for 2007).

Our Product Range

The Contour range of products covers all interior and exterior products. The name Contour alludes to the wide range of profile options which we can manufacture.

Contour Interior™

This is a flexible range of complex profiles for interior joinery. Each profile is engineered through advanced finger jointing and laminating into stable products that can be offered in a variety of lengths, section dimensions and styles. All profiles hold the FSC Mixed Sources and Chain of Custody certification.

Contour Exterior™

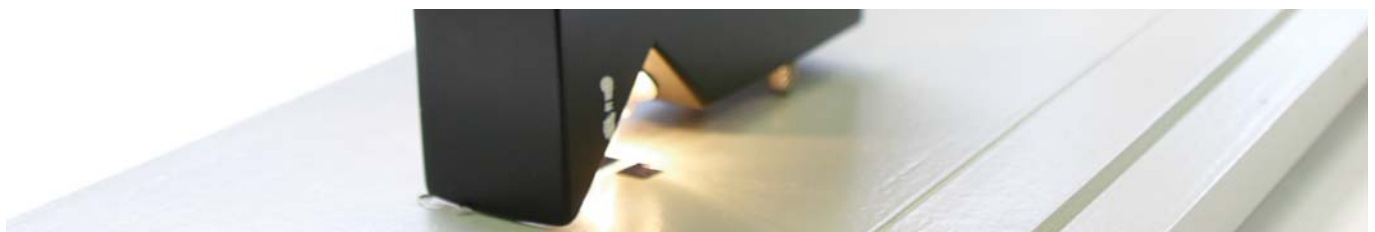
This range of flexible lineal mouldings for flashing and finishing the exterior of houses offers the added advantage of exterior durability. These products are preservative treated and primed to deliver value added products to the customer. They can be used in a wide range of exterior applications and are characterised by their ease of handling and machining on site. All profiles hold the FSC Mixed Sources and Chain of Custody certification.

Clearboard™

This product is ideal for DIY applications and furniture manufacture as it delivers a clear, solid wood finish. The Clearboard™ product offers the integrity of FSC Mixed Sources and Chain of Custody Certification with clear appearance grade product.

Feedstock

Pacific Wood Products has an established history of providing quality feedstock for manufacturers both in New Zealand and in other major export markets.



Product testing, as part of the research and development process.



We Are Genuine People to Work With

At PWP we believe our people are our strength. We pride ourselves in remaining open and available to always deliver service and quality over and above what is expected.

Our management team combines many years of practical experience with wood processing technologies as well as managing teams in manufacturing environments.

For our customers, we aim to understand your needs and desires then convert these into technical solutions that are tailored for you.

One of our key strategies is to train and retrain our staff throughout their careers, combining classroom and on-the-job training. Safe operating practices and hazard identification are basic first steps.

Our wide engagement with industry and research means that our team has a current and relevant view of the business and regulatory environment.

Leadership Profiles

Tony Clifford - CEO

EMAIL Tony.Clifford@pwp.co.nz MOBILE 64 21 366 939



My role includes governing the overall strategic direction of the company as well as ensuring we have the people and systems to deliver on our customer's expectations. I like to maintain a working relationship with all of our customers so that I can understand the implications of decisions made at PWP to their businesses.

My background is in engineering and I really enjoy seeing a finished product created from raw materials. I like to help our staff understand our business so that their knowledge and understanding contributes to the overall result.

I have trained in Statistical Process Control, which enables me to understand process variability. This knowledge has been useful to help put in place systems that reduce and monitor process variation.

I have worked at PWP for 4 years and prior to this for 12 years for the parent company, Pan Pac Forest Products, in both operations and business development roles.

Tony Desmond - General Manager

EMAIL Tony.Desmond@pwp.co.nz MOBILE 64 27 226 9301



My involvement with PWP began a year before PWP came into existence. My work consisted of identifying potential opportunities and matching these with the resources available, before developing the people, plant, systems and the business (PWP) to convert these opportunities into products our customers could value.

Currently in my role as General Manager, I control the day-to-day operations of PWP. This involves the planning and sourcing of raw material and ensuring our systems for everything from staff recruitment and training through to final product delivery offer our customers the best possible value in every sense. And finally ensuring that every day we do things a little better than we did the day before.

I have more than twenty years experience in the industry covering everything from tree planting, through owning and running my own sawmilling business, to planning and leading complex R&D projects.

Rick Williams - Sales Manager

EMAIL Rick.Williams@pwp.co.nz MOBILE 64 27 455 5743



In my role I act as the customer interface; answering questions, processing orders, looking after pricing, handling enquiries and maintaining customer relations. I am dedicated to PWP's customers and will go the extra mile to exceed their expectations. I am also involved in the development of new products, research and product specification.

My qualifications include a NZ Diploma in Business, Diploma in Marketing and I am also a qualified cabinet maker and machinist. I have worked at PWP for 5 years.