



World's tallest wood building nears completion



The mass wood structure and façade has been completed for the world's tallest wood building at 18 storeys - the University of British Columbia's Brock Commons student residence.

Standing 53 metres high, the building was completed four months ahead of schedule, showcasing the advantages of building with wood where traditionally concrete and steel would have been used.

The structure was completed less than 70 days after the prefabricated components were first delivered to the site. Construction will now focus on interior elements, with completion expected in about the time of writing -18 per cent (or four months) faster than a typical project. The building is expected to welcome more than 400 students in September 2017.

Brock Commons is the first mass wood, steel and concrete hybrid project taller than 14 storeys in the world. The building has a concrete podium and two concrete cores, with 17 storeys

of cross-laminated-timber floors supported on glue-laminated wood columns. The cladding for the façade is made with 70 per cent wood fibre. Australia has a 10 storey high timber building in Melbourne, with another under construction in Brisbane.

The structural benefits of wood over concrete and steel is being recognised world-wide, says Taranakipine's market manager, Blair Thomson.

"The growing appeal is wood's flexibility under stress such as earthquakes, it's cost-competitiveness, it's long-life, it's environmental benefits, it's ease of use, it's speed of installation – and finally it's finished look," explains Blair. Taranakipine is constantly looking for opportunities to be part of this construction method as it becomes more commonplace in New Zealand.

A great time lapse video showing the Brock Commons building during construction can be seen on https://www.youtube.com/watch?v=GHtdnY_gmE

Interior Innovation award winners



The recent Resene Timber Design awards were further proof that Kiwi architects and engineers are also seeing the value is using high-strength wood products in structural roles where traditionally concrete and steel had been used.

In a post-earthquake ravaged Christchurch, four of the finalists were from that city in the Taranakipine sponsored Interior Innovation category aimed at recognising the innovative use of wood or a wood panel product as a signature feature, in a predominantly wood building, adding ambience, flair and practicality.

The overall winner in this category was the Government of Samoa Fale in Auckland designed by Walker Community Architects.

Highly Commended were the Point Wells Gables by the Paterson Architects Collective, and the Piko Wholefoods Store in Christchurch. Three other finalists were also from Christchurch: the Springfield Rd Interior and the Papanui Club both by RM Designs and Engco Consulting Engineers; and the Bradnor Rd project by Cymon Allfrey Architects.

Congratulations to all the finalists who can be found via a link on our website <http://taranakipine.co.nz/nz-timber-design-awards-2017/>

Talks with Tom

- a word from our CEO



Now is a good time to be a grower, manufacturer, designer and builder using NZ's own Radiata pine into a wide range of engineered wood products.

While it is sad that it has taken the devastating effects of some significant earthquakes in this country to show the structural benefits of building in engineered wood, the message is now understood on how well these products perform. We are seeing a big

step-up in the number of buildings being designed using different engineered wood products as the key structural component of the building (see the article on the world's tallest wood building).

Not only is structural timber on the rise, but also the demand and use of appearance grade Radiata pine timber. Again, the lift in demand is on the back of another bad news story - this time man-made, not natural. International tropical hardwood forests have been harvested beyond their sustainable level and now it is a scarce and very expensive resource. One of the beneficial attributes of Radiata pine is its ability to be "modified" to make it act and perform like many of the hardwood species. It is increasingly being used in applications

such as windows, floors, exterior cladding and decking. In Europe in particular, Clear NZ Radiata pine timber is the species of choice by wood modifiers over all other species.

Taranakipine is fully immersed in these rising trends. We now produce and sell Clear timber from Pruned grade logs to European wood modifiers. From other parts of these same logs we then take the knotty timber to fingerjoint and laminate it into structural post, beam and rafter products for the NZ and Australian market. We are presently extending both our product and market development in these two areas delivering products for our customers "Engineered to Perform".

Tom Boon
Taranakipine CEO

Bodyguard now 100% Taranakipine



The unique range of Bodyguard premier finger-jointed trimboard, siding and moulding products is now 100% owned by Taranakipine.

Launched over 10 years ago by a consortium of timber product manufacturers including Taranakipine, the Bodyguard range of finished wood products was targeted at the North American market.

With a number of the original partners being sold, Taranakipine decided to take over ownership of

the product to continue its commitment to the North American market, says the company's market manager, Blair Thomson.

"Bodyguard is a great product that continues to gain in popularity in the States," says Blair. "It's well received because it's treated using an environmentally friendly preservative that provides long-lasting life and protection against decay, corrosion and insects – and it comes with a 30-year warranty against termite attack and fungal decay. The increase in price and reducing availability of traditional timbers like Cedar and Redwood are also helping to drive demand".

Bodyguard's carbon-based protection system is applied under pressure so the protectant achieves 100% penetration of the sapwood. The three 'active ingredients' in the protection system are used in our products in all markets (LOSP). These are Tebuconazole and Propoconazole and Permethrin. The first two, Tebuconazole and Propoconazole are used to control wood-destroying fungi and Permethrin destroys borer and termites.

Clear Wood sales grow offshore

Sales of Clear Wood to Australia, Europe and North America have seen a healthy lift over the last 12 months says Taranakipine's market manager, Blair Thomson.

"Pinus Radiata plantations planted in the 1990s that are now ready for harvest in the Taranaki region are unique in that there are large stands of pruned logs," explains Blair.

"With virtually no knots in the timber, these are ideal for high-grade furniture and finishing timbers. These logs also yield Premium Decking products that are now a large part of our New Zealand business."



Meet our new Market Development Manager – Wayne Spraggon

Wayne has joined the Taranakipine sales and marketing team looking after our clients in the Upper North Island, our domestic Head Office relationships as well as our Bodyguard product marketing in North America.

Wayne already has a strong relationship with Bodyguard and Taranakipine having worked alongside Taranakipine's Blair Thomson developing the product while working for Jenkin Timber.

Based in Auckland, Wayne has nearly 30 years' experience in the building and timber industry and is a highly motivated sales and marketing professional.

"I have had a successful career in managing business units and sales and marketing teams with some of

New Zealand's leading and most innovative companies such as Taranakipine," says Wayne.

"Every challenge is the world cup to me - however I know it is important to keep a balance in life!"

Wayne finds that balance relaxing playing guitar and enjoying a busy family life with his wife Leanne and their blended family of six children – who have interests ranging from singing and dancing to rowing, running and rugby!

BEAMS, POSTS, RAFTERS, DOOR JAMBS, FASCIA, MOULDINGS AND CLADDING



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