



Overview

Sustainable, Efficient, Safe.

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XLam is the leading manufacturer and supplier of Cross Laminated Timber (CLT) across Australia and New Zealand.

With a state-of-the-art production facility, that has the capacity to produce over 60,000 cubic metres of CLT ever year, and a team of in-house experts, XLam has the capacity, capability, and experience to support projects of any scale – across the Government, Commercial, Industrial and Residential sectors.

Using XLam CLT improves construction sustainability, increases site efficiency, reduces capital and construction costs, enhances site safety, and improves project R.O.I.

XLam Supplies:

CLT Roof Panels

CLT Floor Panels

CLT Wall Panels

CLT AirStars (TM) and Landings

CLT Band Beams

GLT Beams

GLT Columns

MTC Technical Guides

DfMA Advice & Support

Guidance in MTC

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PEFC CERTIFIED

Our chain of custody is PEFC certified & our timber is sourced from sustainable, responsible PEFC certified resources.



CARBON SEQUESTRATION
The timber used in building, is effectively locking up the carbon it has previously stored through its growth.

Declare.

THE LIVING BUILDING CHALLENGE

XLam has received Declare labels for our treated and untreated CLT panels.



RENEWABLE

XLam CLT timber feedstock is sourced locally from renewable and vertically integrated plantations.



LOW EMBODIED ENERGY

The lowest amount of energy consumption compared to any other building product.



DFMA, EFFICIENCY & ROI

Our experience in DFMA & Rapid Construction Improves Financial Performance & Project ROI.



SITE SAFETY

Less process performed on site improves site safety.



FEASIBILITY & ADVISORY

Through early stage involvement (EOI) XLam provides expert advice and guidance.

Sustainable

A Renewable Resource

XLam makes an important contribution to improving the environmental performance of the construction industry, manufacturing CLT that creates “greener” buildings. Using timber as a primary building product ensures carbon sequestration. Our chain of custody is PEFC Certified meaning our products have been sourced from sustainable, Responsible Wood (PEFC) certified resources. We have met stringent standards to receive Declare Red List Free labels for both our treated and untreated panels.

Efficient

CLT Improves Project ROI

R.O.I. is improved through enhanced construction efficiency, and our DFMA experience, where the use of off-site prefabricated CLT panels provide important practical benefits, as well as improved financial performance, that are linked with achieving faster construction. In addition, CLT has a superior strength to weight ratio when compared to concrete or steel, offering significant advantages in weight reduction, allowing for savings to be made on other structural elements such as slabs and frames.

Safe

Improving Site Safety

XLam place an emphasis on health and safety across all our activities and are proud that our building products contribute to safer construction sites. The prefabricated nature of mass timber has proven positive impacts on site safety for our customers reducing the number of processes to be performed at site, reducing headcount onsite, and providing a safe approach to achieve rapid construction while reducing risk.

Projects

Commerical, Government, Industrial & Residential.

XLam CLT panels are structural timber panels made with layers of finger jointed Radiata Pine lamellas arranged at right angles to one another, laminated together with a moisture cured polyurethane glue applied to the face under pressure. The 90-degree cross lamination of alternate layers provides dimensional stability, strength, and rigidity.

Panel sizes are available up to 16m x 3.4m and panel thickness is variable depending on load and span. Panel configuration is 3, 5 or 7 layers, with cumulative panel thicknesses between 90mm and 310mm. XLam technical guides are available, and our technical team works closely with our clients and project partners to provide design and engineering support.



PARKLANE ARVIDA AGE CARE

MASS TIMBER & HYBRID CONSTRUCTION - SUSTAINABLE CHOICE FOR GREENER BUILDINGS - DFMA EXPERTISE



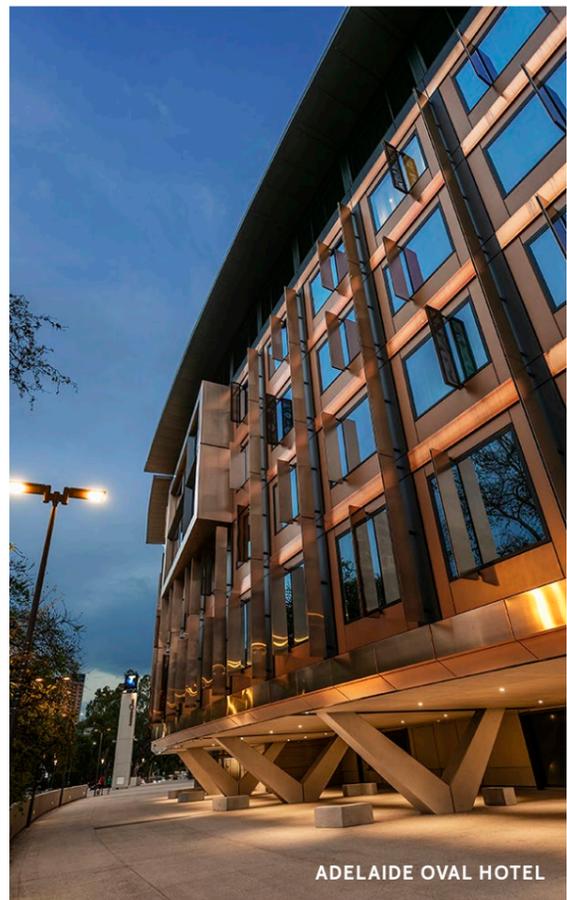
AUCKLAND CITY MISSION
Photograph: Alex Wallace



TOREA STUDIO



PREINTE STREET



ADELAIDE OVAL HOTEL

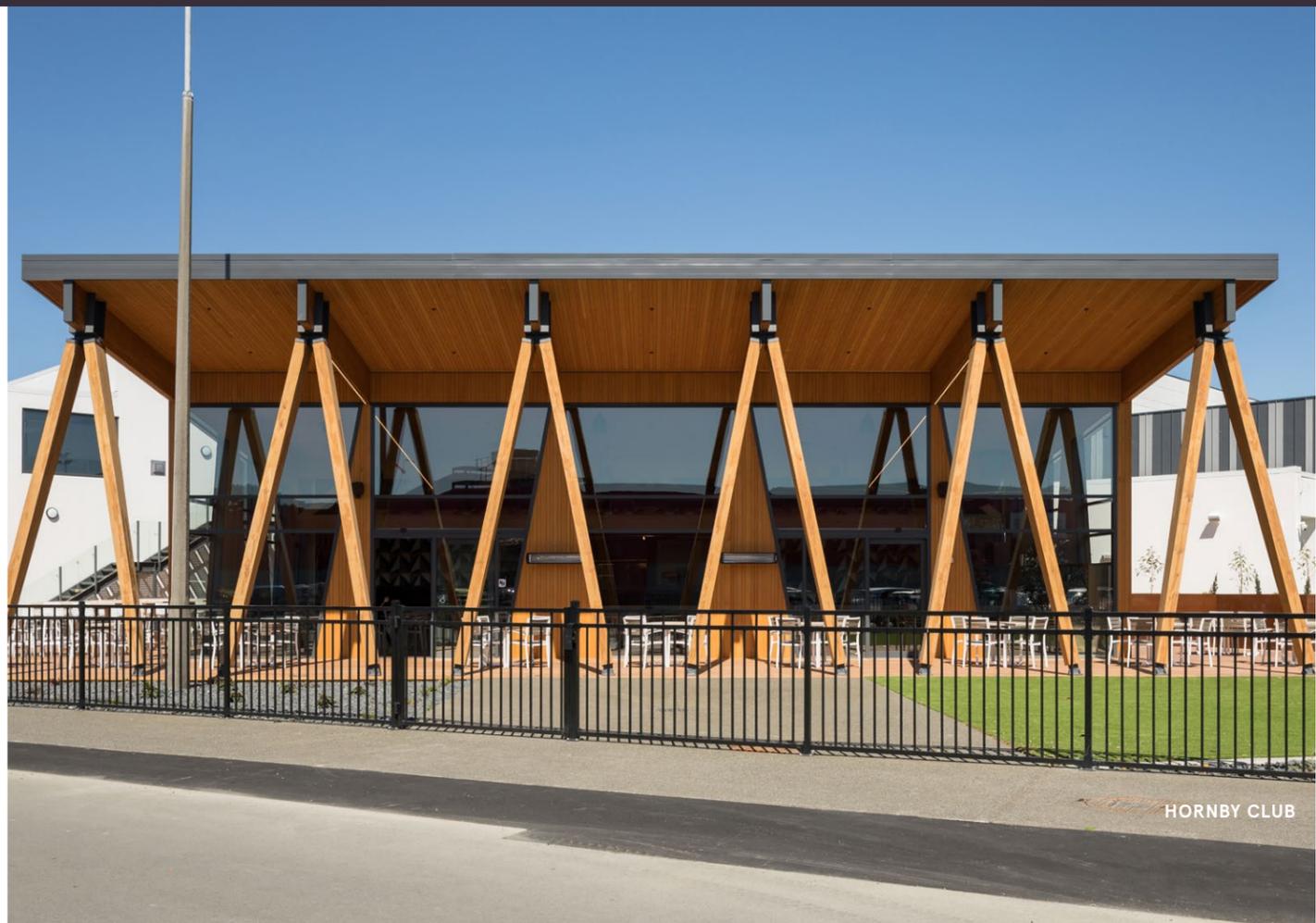


BADER DRIVE APARTMENTS



OAKLEY CHILDCARE CENTRE

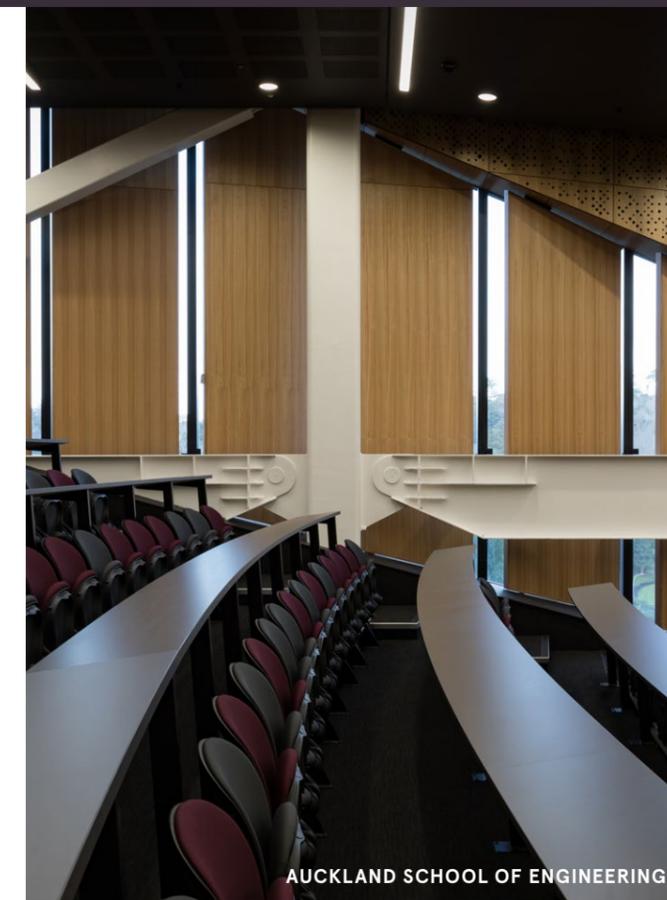
ENHANCES SITE SAFETY - SUPPORT THROUGHOUT THE PROJECT LIFECYCLE - IMPROVES CONSTRUCTION EFFICIENCY & ROI



HORNBY CLUB



SALISBURY ST EXECUTIVE APARTMENTS



AUCKLAND SCHOOL OF ENGINEERING

XLam is proud to support our clients and project partners in the use of CLT as efficient, safe, and sustainable building products.

Construction Methodologies

Hybrid Conventional Construction

Our proven approach to conventional construction, adopts a hybrid approach, combining steel and concrete with XLam mass timber CLT panels to enhance sustainability, increase construction speed, improve site safety, and deliver improved project R.O.I.

Mass Timber Construction (MTC)

XLam has the capacity and capability to support mass timber construction for large scale and custom projects with CLT and GLT. XLam MTC is sustainable, efficient, and safe supporting contractors and project owners to achieve enhanced project R.O.I.

Technical Advice & Support

The XLam technical team have supported the successful delivery of projects across all key industry sectors. We draw on a broad base of engineering and construction knowledge and experience to provide advice and support to our clients in the use of mass timber.

Our advice and technical guides ensure that clients and project partners can optimise the performance of CLT for their project, dealing with considerations such as economical panel sizes, orientation, tolerance for assembly, appearance, durability, buildability, and construction sequencing.



COVER
ALL HALLOWS SCHOOL

Architect: Fulton Trotter. Photographer: Scott Burrows.

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