



ECOSPAN BUILDINGS
PROUDLY PRESENT



WINGSPAN
SERIES

ECOSPAN BUILDINGS
FABRICATORS OF LVL
**STRONGER
LONGER
BETTER**

CONTACT
P 0800 422 548

PRICE LIST 2019

www.ecospanbuildings.co.nz

WHY BUILD WITH WOOD?

There are many advantages of a timber building. Wood is:

1. Durable

- Wood treated with the appropriate level of preservative, and properly maintained, can last in service for a hundred years.
- There are no corrosion issues with wood.
- Wood also acts as a humidity regulator, absorbing moisture when humid and desorbing moisture when the air is dry.

2. Fire resistant

- When exposed to fire, wood retains its strength longer than some materials.
- The insulating properties of timber provide built-in fire resistance. Large timber members burn slowly, and form char on the surface. The un-burnt timber retains some strength and stability during a fire.
- Wood handles extreme weather conditions better than other materials.

3. Fast and flexible to use

- Timber provides for flexibility of design, and allows modifications and tweaks to layout during the construction process.
- Wood is easier and more accommodating to build with than other building alternatives - it can be cut, nailed, drilled and bolted with ease lessening the need for specialist equipment.

4. Safer in earthquakes

- Wood absorbs energy making it especially ideal in earthquake prone areas.

7 GOOD REASONS

5. Warmer and quieter

- Wood is proven to be better than other materials at retaining heat and keeping cold out.
- Timber framed homes exceed building code requirements anywhere in New Zealand without needing any additional thermal break.
- Wood will not transfer noise unlike some other materials.

6. Environmentally superior

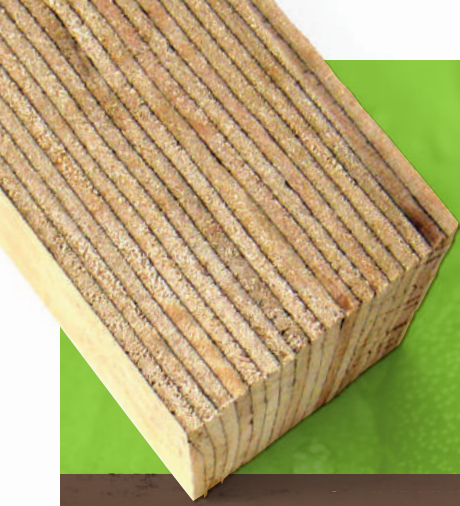
- Wood is natural, renewable, sustainable and carbon neutral.
- Wood is the ultimate renewable building material when it is produced from sustainable forests. As trees are cut down, more are planted.

7. An energy saving material

- A timber framed home is likely to require less energy for heating - a warmer environment at a lower cost.



WOOD



LVL TIMBER

Laminated veneer lumber (LVL) is manufactured using Radiata pine veneers, which are rotary peeled and laminated together under heat and pressure.

The veneers are graded for strength and defects with the grain direction specifically orientated to maximise rigidity and strength.

The product is engineered to precise tolerances resulting in a material that is uniformly consistent and structurally reliable.

It is widely used in commercial building applications for beams, portal frames and other structures.



**READY TO ORDER
IN THESE SIZES**

12M (HEIGHTS OF 3.9 / 4.2 / 4.8M)

15M (HEIGHTS OF 3.9 / 4.2 / 4.8M)

18M (HEIGHTS OF 3.9 / 4.2 / 4.8M)

PORTAL SPAN

ELEMENTS OF A LVL TIMBER PORTAL

- ❶ Apex gusset
- ❷ Portal rafter
- ❸ Knee gusset
- ❹ Girts
- ❺ Portal column

MAJOR ADVANTAGES OF A TIMBER STRUCTURE?

- Sustainable, natural and extremely durable.
- Allows design flexibility without compromising on aesthetics.
- No rust, so no corrosion issues.
- Energy absorbant, making it ideal in earthquake prone areas.
- The insulating properties of timber provide built-in fire resistance. Large timber members burn slowly, and form char on the surface. The un-burnt timber retains some strength and stability during a fire. Because timber is dimensionally stable under fire conditions, failure will not occur until the cross section has been reduced considerably.
- Very accommodating to work with as it can be cut, nailed, drilled and bolted with ease. It does not require specialist equipment or a variety of trade specialists for construction.
- When screwing and fixing into wood unlike steel the complete thread of the screw or fixing is embedded in the wood for maximum strength and hold.



**TYPICAL CONCRETE PIER TO PORTAL
CONNECTION TO ACCOMMODATE TIMBER
FLOOR FRAMING**

STANDARD KITSET INCLUDES:

- Construction drawings & engineering for high wind speed. (Not including site or drainage plans).
- Clearspan LVL portals & frames with all hardware and fixings to construct to a lockup stage plus floor brackets.
- Marley commercial PVC guttering, downpipes and associated fixings.
- All prices are ex yard Pukekohe. Owner/builder to confirm delivery requirements.
- 0.4 Longrun roof cladding (option of Zinalume or Colorsteel) over roof underlay on safety netting. Profile option of Corrugated or Rib/Styleline
- Wall cladding options of Zinalume, Colorsteel or 12mm Plywood.
- Two roller doors (option of Zinalume or Colorsteel).
- Pedestrian door (option Zinalume or Colorsteel).

ECOSPAN build exclusively from NZ sustainable pine and in so doing are supporting an industry which is providing one of the best environments for re-released birds of prey - our pine forests.



**ECOSPAN'S MICHAEL ANSELM PICTURED
WITH ATARETA (NZ FALCON)**

CONTACT

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All buildings are priced on a fixed module meaning the building sizes cannot be changed. If you want a customised option please contact us for a quote.

We'll make your farm building plans fly

Thank you for your interest in Ecospan and our Wingspan Collection of buildings. Ecospan is the commercial arm of Customkit Buildings with a particular specialisation in Laminated Veneer Lumber (LVL) construction and solutions.

Customkit is a New Zealand owned and operated company with over two decades experience and are leaders in the design and supply of high quality, stunning, eco-friendly, natural wooden buildings, in both residential and commercial markets.

Coming from a farming family, and still running a sheep and beef property of my own, I've grown up in a world of barns, sheds and other structures. Customkit provides a range of living and working structures but in Ecospan I believe we have the opportunity to take our contribution to new heights.

As you'll read in the supporting material new technologies—particularly in the field of Laminated Veneer Lumber (LVL)—have given us unprecedented flexibility in creating spaces that work for people living and working on the land.

LVL is a perfect building option for those who like the 'look and feel' of wood. It is widely used in commercial, industrial and rural structures for beams, box beams, rafters, columns and portals in situations where normal sawn timber is not strong enough and longer lengths are required.

The Wingspan series of buildings are priced on a fixed modular system to enable us to remain competitive with other buildings available in the market. This does not mean that building sizes cannot be changed however customised buildings are considerably more expensive. Wood is one of the world's most environmentally friendly building products. It is natural, renewable, sustainable and carbon neutral.



The name of our collection has been inspired by our association with *Wingspan* Bird of Prey Centre in *Rotorua* New Zealand. There was a time when our birds of prey, particularly our native falcon, were seen as a menace. Thank goodness this attitude has turned around. Falcons

are now being used to protect vineyards and the like from unwanted pests. They are also being used in some urban areas to protect native flora and fauna. Ecospan and Customkit are proud to be associated with this wonderful organisation...so much so that we are delighted to have their brand as part of ours.

We look forward to talking to you about our Wingspan series in more depth.

Michael Anselmi
Managing Director

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Wingspan Series

Zincalume roof and wall cladding

Building Size	Zincalume Roller Doors	Total Excl GST
12m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$55,497.59
12m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$67,036.89
12m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$78,576.19
Extra 6m bay		\$11,539.30
12m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$56,972.38
12m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$68,752.90
12m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$80,533.42
Extra 6m bay		\$11,780.52
12m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$61,405.28
12m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$74,133.20
12m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$86,861.12
Extra 6m bay		\$12,727.92
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15m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$63,244.83
15m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$76,692.44
15m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$90,140.05
Extra 6m bay		\$13,447.61
15m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$64,978.92
15m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$78,067.44
15m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$91,155.96
Extra 6m bay		\$13,088.52
15m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$67,616.45
15m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$81,903.23
15m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$96,190.01
Extra 6m bay		\$14,286.78

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Wingspan Series

Zincalume roof and wall cladding

Building Size	Zincalume Roller Doors	Total Excl GST
18m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$77,643.91
18m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$93,367.76
18m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$109,091.61
Extra 6m bay		\$15,723.85
18m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$79,724.29
18m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$95,745.90
18m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$111,767.51
Extra 6m bay		\$16,021.61
18m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$83,346.11
18m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$99,926.53
18m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$116,506.95
Extra 6m bay		\$16,580.42



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Wingspan Series

Colorsteel roof and wall cladding

Building Size	Colorsteel Roller Doors	Total Excl GST
12m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$61,775.71
12m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$74,259.98
12m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$86,744.25
Extra 6m bay		\$12,484.27
12m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$63,770.44
12m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$76,549.24
12m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$89,328.04
Extra 6m bay		\$12,778.80
12m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$68,810.37
12m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$82,589.89
12m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$96,369.41
Extra 6m bay		\$13,779.52
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15m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$70,298.27
15m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$84,840.13
15m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$99,381.99
Extra 6m bay		\$14,541.86
15m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$72,574.51
15m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$86,810.60
15m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$101,046.69
Extra 6m bay		\$14,236.09
15m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$75,841.29
15m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$91,328.95
15m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$106,816.61
Extra 6m bay		\$15,487.66

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Wingspan Series

Colorsteel roof and wall cladding

Building Size	Colorsteel Roller Doors	Total Excl GST
18m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$85,458.63
18m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$102,416.68
18m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$119,374.73
Extra 6m bay		\$16,958.05
18m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$88,103.37
18m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$105,412.50
18m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$122,721.63
Extra 6m bay		\$17,309.13
18m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$92,376.65
18m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$110,297.91
18m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$128,219.17
Extra 6m bay		\$17,921.26



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Wingspan Series

Colorsteel roof and Plywood wall cladding

Building Size	Colorsteel Roller Doors	Total Excl GST
12m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$65,378.31
12m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$78,922.09
12m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$92,465.87
Extra 6m bay		\$13,543.78
12m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$69,638.71
12m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$83,709.71
12m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$97,780.71
Extra 6m bay		\$14,071.00
12m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$76,026.00
12m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$91,345.98
12m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$106,665.96
Extra 6m bay		\$15,319.98
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15m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$76,740.59
15m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$92,511.62
15m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$108,282.65
Extra 6m bay		\$15,771.03
15m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$80,451.24
15m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$95,949.09
15m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$111,446.94
Extra 6m bay		\$15,497.85
15m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$84,891.46
15m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$101,916.68
15m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$118,941.90
Extra 6m bay		\$17,025.22

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Wingspan Series

Colorsteel roof and Plywood wall cladding

Building Size	Colorsteel Roller Doors	Total Excl GST
18m (W) x 18m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$93,567.23
18m (W) x 24m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$111,768.95
18m (W) x 30m (L) x 3.9 (H)	2 x 3.6 (H) x 4.2 (W)	\$129,970.67
Extra 6m bay		\$18,201.72
18m (W) x 18m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$97,780.24
18m (W) x 24m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$116,394.63
18m (W) x 30m (L) x 4.2 (H)	2 x 4.2 (H) x 4.2 (W)	\$135,009.02
Extra 6m bay		\$18,614.39
18m (W) x 18m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$102,149.74
18m (W) x 24m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$121,389.60
18m (W) x 30m (L) x 4.8 (H)	2 x 4.8 (H) x 4.2 (W)	\$140,629.46
Extra 6m bay		\$19,239.86



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Wingspan Series

Standard Kitset Includes

- Construction drawings and engineering for high wind speed (Does not include site or drainage plans).
- Clearspan LVL portals and frames with all hardware and fixings to construct to a lock up stage including floor brackets.
- Marley commercial PVC guttering, downpipes and associated fixings.
- .4 Longrun roof cladding (option of Zinalume or Colorsteel) over roof underlay on safety netting. Profile option of Corrugated or Rib / Styleline.
- Wall cladding options of Zinalume, Colorsteel or 12mm Plywood.
- Two roller doors (option of Zinalume or Colorsteel).
- Pedestrian door (option of Zinalume or Colorsteel).

Note

All prices are ex yard Pukekohe. (Owner / Builder to confirm delivery requirements).

All buildings are priced on a fixed module meaning the building size cannot be changed. If you would like a customised option please contact us for a quote.

Ecospan Buildings will supply the kitset package to your site. You can use your own builder, or an Ecospan / Customkit network builder to manage the building project for you.

Prices as at 1 May 2018

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LVL TIMBER - A SUPER MATERIAL FOR COMMERCIAL BUILDS

- ✓ 30m+ clear spans
- ✓ Stronger than timber
- ✓ Earthquake / Fire Resistant
- ✓ Ecofriendly



Timber Portal
Commercial Buildings



LVL TIMBER - OUR NATURAL HERO...

ecoSPAN is the commercial arm of Customkit - a long established company specialising in the design and supply of stunning, eco-friendly, natural timber framed buildings.

With large-scale projects nationwide and throughout the Pacific Rim, we offer you a

complete solution from design, fabrication and supply to price and supply only. You're in safe hands with **ecoSPAN**.

Our expertise is the design and manufacture of large span LVL timber portal and beam systems of up to 30m or more, as well as box beam and other beam componentry. We are also a licensed fabricator of STIC (Structural Timber Innovation Company) systems and technology.



THE CARTER HOLT HARVEY WOOD PRODUCTS
LVL MANUFACTURING PLANT

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FABRICATORS OF LVL
STRONGER
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