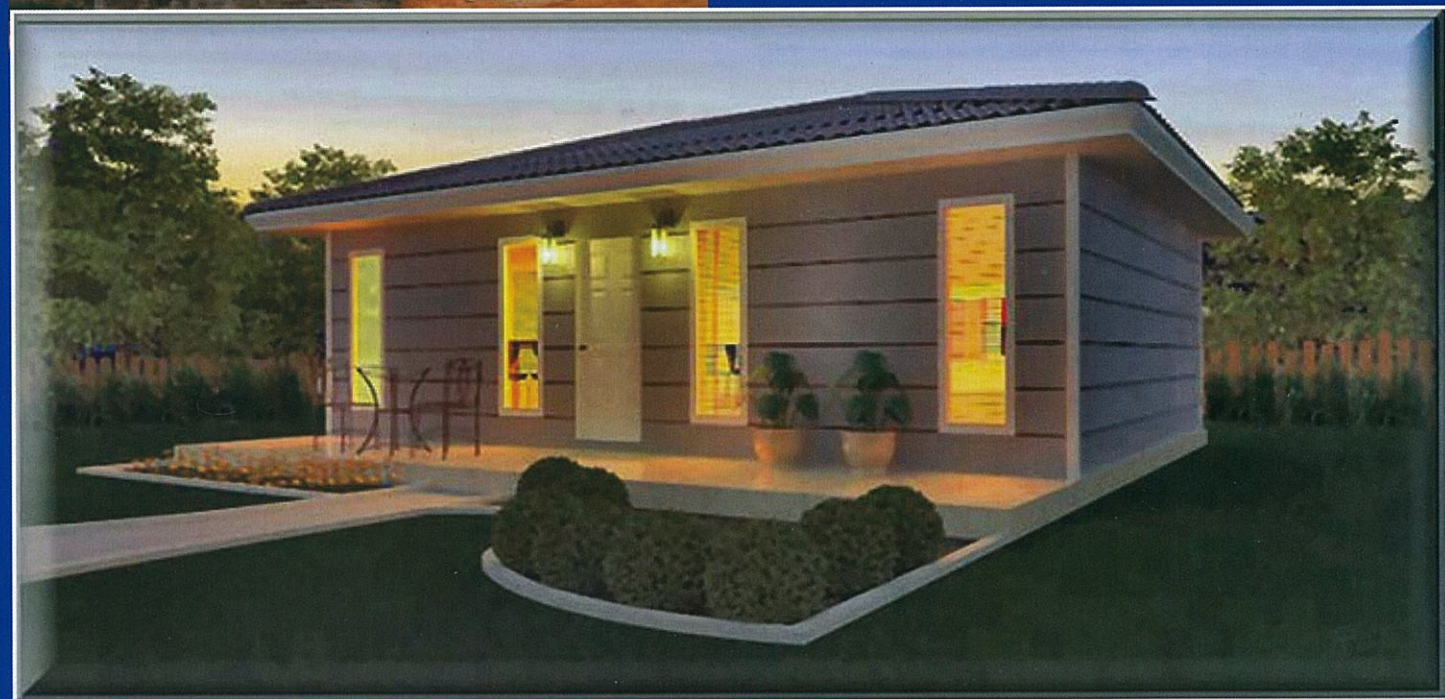


BLISS Group



BLISS GROUP PROFILE

The principal of the company is Paul Savage.

Paul has been involved in the property development industry for over 30 years, was a partner in Cap d'Amarres Limited, Eldon Group Projects Limited, Newport Group, Porter Property Group and prior to that was property development manager of publicly listed Troy Corporation.

Paul's first major Project was the development of New Zealand's first "Big Box" retail centre in Lincoln Road Henderson (the Lincoln Centre). Later the acquisition of the Fisherman's Wharf precinct in the Viaduct Basin and the design development, consent planning and marketing set-up for an \$80m apartment and retail complex now know as The Sebel and The Quays.

Newport also specialised in the acquisition and planning of strategies for a number of key development properties predominantly situated in the Viaduct and Western reclamation areas of Auckland.

Paul was involved in a series of sound commercial and residential developments, the more significant of these being:

The redevelopment of the Hydra Bacon Factory in College Hill as a new 20,000 sq ft Head Office for Colenso Advertising. A residential development in Ponsonby known as Margaret Street Terraces. The design build of a new Head Office in Greenlane for Toyota Finance. The acquisition and restructuring of the leasehold and freehold interests in the United Distillers building in Orakei Road. The acquisition of old factories and redevelopment into commercial and residential space at 23 Graham street.

At Gulf Harbour the \$16m acquisition by Cap d'Amarres Limited of all the balance of the waterways at Gulf Harbour in 2002. Followed by the development of 40 absolute waterfront sites and marina berths.

In conjunction with his partners acquired in 2006 84ha of rural land in the Waikato for future development. Eldon Group Projects Limited produced a Master Plan and passed a Private Scheme Plan Change for the surrounding 100ha for Matamāta Piako District Council and the subsequent development of the first 24ha into 75 residential / lifestyle lots.

Paul was also involved with Equity Pacific in the Consent planning of a 9000m² brown fields site into 500,000 square feet of mixed use development in Auckland city now known as "Sugar Tree" and more recently in residential developments in Hamilton, Kaipara, Papakura and Mangawhai.

Paul has been focused on the use of light gauge steel frame building systems since 2009. During this time he has put together a high quality professional team in design and consultant services, manufacture and shipping, construction and on-site supervision through to after sales service. A BLISS steel housing solution is centered on catering to our customers' unique needs with a pragmatic attitude and Kiwi Creativity.



**36m² One Full King Size Bedroom, kitchen, Bathroom & Laundry
THE BACH AT MANGAWHAI**



**59m² Two Full King Size Bedrooms, 1 Living Room, 1 Kitchen, 1 Bathroom
SUIT A MINOR HOUSEHOLD UNIT ON THE BACK OF YOUR SECTION**



YOUR 10 STEPS TO BLISS

1. NO Obligation Free Consultation on Your Sites Abilities
2. Heads of Agreement the Way Forward
3. Research Site viability – Planning – Geotek - Drainage
4. Building Contract to Your Satisfaction & Choices
5. Resource Consent Application
6. Resource Consent Approval
7. Building Consent Application
8. Building Construction
9. Council Code of Compliance
10. Take the Keys & Move In.



WHAT WE DELIVER

BLISS Homes provide a complete turnkey delivery of your new Dwelling.

We take care of all the Planning Reports required by Council for your Resource Consent.

We take care of all the Drawings & Engineering required by Council for your Building Consent

We ensure that all aspects of the construction are carried out to comply with the Building Code

We ensure that all the Fees payable are clearly laid out and are covered in our Fixed Price Contract



YOUR OPTIONS

Your Choice from our range of interior and exterior finishes or colour.

Your choice of Dwelling.

10m2 Sleep Out

36m2 One Bedroom with full King Size Bedroom, kitchen, Bathroom & Laundry

59m2 Two Bed Minor Household Dwelling with full King Size Bedrooms, kitchen, Bathroom & Laundry

Or you tell us.

WHAT YOU ACHIEVE

A Fully Complying Dwelling – Connected to All Services

A Livable Dwelling - Fully Insulated Roof, Ceiling, Exterior Wall, Interior Walls & Under the Floor

A Rentable Dwelling – With decent sized Bedrooms, Bathroom, Kitchen & Laundry.

A Fully Insurable Dwelling That Adds Real Value to Your Property and is

REGISTERED WITH YOUR COUNCIL



Advantages of Light Gauge Steel over Timber

- * NOT VULNERABLE TO WATER INGRESS OR ANY TYPE OF FUNGI OR ORGANISM
- * HIGH STEEL STRENGTH RESULTS IN SAFER STRUCTURES
- * MINIMAL MAINTENANCE AND SLOWER AGING OF STRUCTURE

Leaky Home Syndrome does more damage to homes each year than all other natural disasters combined. Deterioration caused by Leaky Home Syndrome and fungal organisms found in wood cannot occur in light gauge steel frames.

- * EARTHQUAKES * HIGH WINDS * STORMS & FIRES * EXTREME HEAT & COLD

Steel is safer. Its non-combustible qualities and strength better resist fires, earthquakes and hurricanes. It is also easier to install than wood and lasts longer.

- * STEEL CAN BE RECYCLED WITHOUT LOSING ITS STRUCTURAL QUALITIES
- * STEEL STRUCTURES REQUIRE LITTLE TREE FELLING

Much of the steel used to make light steel framing is recycled. When a steel frame building is demolished, the steel can be recycled. It takes approximately one-quarter of an acre of mature trees to produce the wood framing for a typical house. The same house can be steel framed from three or four old cars.

- * EASY AND FAST TO CONSTRUCT * INEXPENSIVE TO PURCHASE
- * ENVIRONMENTALLY FRIENDLY, 100% RECYCLABLE

Steel possesses the highest strength-to-weight ratio of any building material being used today. Light steel frames are very strong and lightweight, so housing frames require less material (compared to timber).



- * TERMITE AND MOLD RESISTANT * ELIMINATES STRUCTURAL DAMAGE * DOES NOT CONTRIBUTE TO GROWTH OF MOLD * GREEN BUILDING MATERIAL 100% RECYCLABLE
- * NO OFF GASSING OR TOXICITY * ENVIRONMENTALLY FRIENDLY * CONSISTENTLY HIGHER MATERIAL QUALITY * NON-COMBUSTIBLE * WILL NOT ROT, CRACK, SPLIT, WARP, OR DECAY
- * VIRTUALLY NO WASTE * HIGHER STRENGTH TO WEIGHT RATIO * SQUARE CORNERS, FLAT CEILINGS, AND STRAIGHT WALLS * STRUCTURALLY MAINTENANCE FREE

About Brite Lite Steel Structures

BLiSS integrates the most advanced automatic production lines from New Zealand to ensure the production capacity of steel frame. BLiSS merges an energy saving mission to its products. BLiSS products are in compliance with AS/NZS 4600:2005 and the NASH 3045-2011 specification for Residential and Low-Rise Cold-formed Steel Framed Buildings. BLiSS building products are widely applied to residential housing. BLiSS offer a range of 1-4 bedroom villas with style, elegance and quality .. through to .. resort villas, commercial, industrial and Rural buildings

Frequently Asked Question

1. How does steel frames and trusses compare in price to timber?

Generally speaking, compared to untreated timber, steel frames are about 15 to 20% more expensive. But in saying that, by purchasing a steel frame, you will save a lot of money in erection time both inside and out. With treated timber, our steel frames and trusses are about the same price. It has however absolute price advantage for its low manpower cost, short building period, low wastage and a low requirement on the building site even though the material cost is high in comparison to the building configured with timber and built to the same specification.

2. How different in construction is steel to timber?

The main difference in construction between steel and timber is the hand tools you need to use. Also steel frames are assembled using "tek" screws not nails. In regard to constructing the frames and trusses, it is very similar to a timber frame. Steel has many advantages over timber. It is nowhere near as heavy as timber, which is important when lifting larger frames and trusses, especially on two story buildings or on difficult sites. Also steel frames don't have much settlement or shrinkage problems like timber does, and is straighter and more exact giving you straighter walls to finish off your Gyprock plaster walling. Alterations to frame if you want to reposition a door or windows are simple. Studs can be moved without destroying them. There are no complicated jigs required to assemble our system.

3. How is your system put together?

Our system is a dimple and rivet system, one of the strongest systems in the market. It is used overseas in cyclone areas where wind speed ratings can reach W56. The BLISS system meets the highest wind loadings to AS/NZ1170 and to earthquake class 9 making it suitable for all New Zealand conditions.

4. Is a steel frame noisy? Does it expand or contract?

Our system is no noisier than a timber system. There are many reasons for a house to make noises, too many to list, but the frame is only a very small part. Also our steel frame doesn't expand or contract due to moisture content. Steel has a very similar co-efficient of thermal expansion to Gyprock, so cornice cracking is less than a problem.

5. What are the size and thickness of your studs?

Our component sizes are C90mm * 41mm * 0.8mm and C140 * 41mm * 1.5mm thick in G550mpa hi tensile steel. It is built to Australian and New Zealand Standards AS/NZ 1170:2002, AS/NZ 4600:2005 and NASH standard 3405:2011. All rolled using the most advanced CAD design and Roll Forming machines from New Zealand. The BLISS Home structure system uses 550 MPa hi tensile steel, which is more than double the ordinary strength of steel. It is then hot dipped in 55% aluminum 43.4% zinc and 1.6% silicon coated (150gm/m²). Called GALVALUME, Its lifetime is greater than 50 years. The BLISS Home light steel structure system is the only GALVALUME framing material to be used in New Zealand and saves more resources in meeting the strength and corrosion requirements of New Zealand.

6. What kind of service does your company provide?

BLISS Home has professional design, production and construction teams for providing customized solutions while also providing various standard house plans to choose from. The company delivers total consultation in all aspects of light steel building systems, including design, council planning requirements, council processing and on-site installation of the completed structure up to and including decoration appliance etc if required.

7. How do you handle the thermal insulation of a BLISS light steel building?

Answer: Thermal insulation measures for the BLISS building wall system the insulation generally adopted is with foil backed pink glass wool insulation fitted into the steel frame. At the same time, the 12mm strand board thermal break and the air cavity between cladding and main structure makes the wall have the effect of ventilation and thermal insulation. The wall thermal insulation design can be adjusted appropriately according to the local climate and environment, for the cold places we usually thicken the thermal insulation part. In addition a BLISS Home is insulated under the floor, under the roofing, and in the ceiling space. Double glazed windows are standard.

8. How do you handle sound insulation of BLISS light steel building?

Bliss Homes light steel building have all internal wall steel frames filled with glass wool to provide some relevant sound insulation treatment between rooms. The floor uses a damping strip. These combined with the double glazed windows provide for a quiet home.

9. What are the foundation requirements of a BLISS Home light steel building?

The self-weight of BLISS light steel house is quite light (about 25-40kg/m²), so the requirement for the foundation is not as high compare with traditional concrete building (150-350kg/m²). The foundation construction may use the same construction method as a traditional building foundation; it only needs to make sure of the evenness of the foundation face to reach the design requirement.

The company shall provide a dimensioned foundation plane drawing.

WHAT ARE YOU LOOKING FOR

RECREATION

Your Holiday Bach

INDEPENDENCE

Your first home at last

RENTAL INCOME

Boost your returns by Plenty

SOCIAL RESPONSIBILITY

Looking after the Mum & Dad or the Kids

**AFFORDABLE HOUSING IS AT YOUR
FINGER TIPS**

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