

ecobode

Specifications



Enhancing lives
through **better** building

■ 0800 368 470

■ www.greenabode.co.nz



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ABOUT US



In 2015, Kevin Turley started Green Abode out of a desire to see homes built to a much higher standard than the New Zealand Building Code. His passion is driven by a firm belief that everyone deserves to live in a comfortable, healthy environment that doesn't cost a fortune to build or maintain.

Green Abode is not only a construction company (through Orkney Group, our parent company), but also a design company, which means we can look after your project right from the moment the first ideas start to take shape on paper. Being able to approach your project from both the design and build aspects is hugely beneficial as it ensures we have greater control of the overall build cost.

We are a close-knit team. Our carpenters take great pride in completing work to a top-quality finish and contributing to building better housing in New Zealand.

We are proud to be a part of the SuperHome Movement and to play our part in improving the standard of homes in New Zealand. As a company, we make it a priority to recycle building materials and packaging at our worksites as we feel strongly about minimising landfill waste, reducing environmental impact, and putting useful materials back into circulation.

OUR HOMES

Ecobode homes are high-performing, energy-efficient and eco-friendly, built with structural insulated panels (SIPs).

Our homes come with R-values that well exceed the New Zealand Building Code requirements:

- walls range from R2.8 up to R4.3 depending on the location in the house
- roof is R5.7
- floor is R4.3

We have carefully selected materials and products that are as eco-friendly as possible, from the cladding and flooring, all the way to the paint.

Manufactured at our site in Wellington, these homes can be transported by truck anywhere on the North Island (and to the South Island in the near future).

Our clients have the option of selecting paint, flooring and cladding colours in order to personalise their home according to their own taste.



MEET OUR TEAM



KEVIN TURLEY

Director

Kevin's drive to come up with an eco-friendly housing solution in the current difficult housing climate led him to come up with the Green Abode transportable range, Ecobode.

He believes that looking after customers and staff is of utmost importance, and this is obvious in the way he runs the company. In his downtime, Kevin's favourite things to do are spend time with his family and get out into the great outdoors.



SEBASTIAN CONTRERAS-RODRIGUEZ

Architect

Sebastian's extensive experience includes designing homes and lecturing in universities in Argentina, Brazil, Spain, and Wellington's own Victoria University. A talented architect, his passion is to design homes that are as diverse as our clients, with sustainability being a top priority. In his spare time, Sebastian enjoys nature walks and gardening.



ANDREW GRIMES

Project Manager

Andrew brings 30 years of experience in the construction industry to his role and thrives on communicating with our clients to ensure the best outcome on each project. He has long been passionate about eco-friendly building and is excited about providing New Zealanders with another option in transportable homes. When he's not working, Andrew is a keen mountain biker, exploring bike tracks all over the Wellington region and beyond.



Two bedroom plan



Three bedroom plan

A close-up photograph of a light-colored wood floor with a prominent grain. Several dark, diagonal shadows are cast across the surface, creating a sense of depth and texture. The word "FLOORING" is centered in the middle of the image in a white, serif font.

FLOORING

CARPET

Godfrey Hirst Enchant 40oz

Our cut pile twist carpet is 100% pure New Zealand wool and comes with a 15-year Wool Limited Residential Guarantee.

It is manufactured under a quality and environmental system certified and compliant with ISO 9001 and ISO 14001 by an accredited certification body. It is also Green Building compliant for VOC emission rate limits.



ENGINEERED TIMBER PLANKS

Godfrey Hirst Oak Elegance

The timber planks to be used in the kitchen and dining area are Godfrey Hirst Oak Elegance, 14mm engineered timber. The planks are French Oak Veneer with a UV-cured lacquer.

They are Green Building Council compliant with VOC emission rate limits and are manufactured under a quality and environmental system certified and compliant with ISO 9001 and ISO 14001 by an accredited certification body. They are also PEFC Chain of Custody certified.





TILES

**Bathroom Floor:
Mainstream White Matt**

All our tiles are porcelain.



**Bathroom Walls:
Essence 51 x 59 Hexagon White
Matt**



**Kitchen Splashback:
Metro White 45 x 95 Brick Gloss
291x296**



A modern kitchen and dining area. The ceiling is made of cork panels with dark lines. Two black pendant lights hang from the ceiling. The kitchen features dark, flat-panel cabinets and a white countertop. A sink, stove, and built-in oven and microwave are visible. A dining table with a dark frame and glass top is set with four white chairs with wooden legs. The floor is made of dark wood. The text "KITCHEN CABINETRY" is overlaid in the center of the image.

KITCHEN
CABINETRY

Cabinets

100% NZ owned and operated, our kitchen cabinetry is made by a local kitchen company located in Wellington. The doors and panels are Melteca melamine and the benchtop is engineered stone.



KITCHEN APPLIANCES



Cooktop: Panasonic 60cm Ceramic

Surface Material: Schott Glass
Power Consumption: 6000kWh/yr
Manufacturer's Warranty: 24 Months
Safety Features: Child Lock, Automatic Safety Switch Off, Residual Heat Indicators

Developed for the contemporary kitchen where practical features and peace of mind are a priority, a smooth surface provides a seamless cooking experience. Efficient heating, intelligently safety features and easy cleaning fit perfectly with the busy lifestyles of today.



Rangehood: AEG 52cm Integrated

Baffle Filter
AEG Hob 2 Hood Technology
680m³/hr extraction
LED Lights
Electronic Controls
Fully Variable Fan Speed

The Hob2Hood function controls the cooker hood's fan and lights, automatically regulating the fan. There are also controls on the cooker hood to adjust the fan speed manually.

The LED lights are long-lasting and energy-efficient.



Oven: Haier 4 Function

Four-function oven includes fan forced, grill and fan grill.

Safety features include:

- Cool-to-touch door
- Removable door and inner glass for easy cleaning



Dishwasher: Belling 15 Place Setting

- 15 Place settings
- Black stainless steel door
- Matte black control panel
- 6 wash programs
- Upper level cutlery tray
- Turbo Dry
- Easy lift upper basket
- Child lock
- Adjustable plate racks
- Push button controls
- White LED display
- Concealed element
- Delay start (1-24 hours)
- Anti flood protection
- 5 star water/4 star energy



Sink: Archant Robiq 500-10

Length: 540mm

Width: 440mm

Height: 190mm

Sink material: 18/10.304 Stainless Steel

The sink will be undermounted.



Tap: Armando Vicario Viva

Flow rate at 300kPa

Hot Water Supply: max. + 90C

Working Pressure: 0.5 - 5 bar





BATHROOM
FIXTURES AND
ACCESSORIES



Shower Unit

The shower tray is acrylic white with a centre waste.



The shower door comes with 6mm tempered safety glass in matt black and a moulded acrylic liner.



Vanities and Basins

The melamine Talia 1-drawer wall vanity is made in New Zealand. It has a Marmorin cast dolomitic marble vanity top.

Colour: Charred walnut



Tapware

This matt black mini single lever basin mixer is designed and manufactured in Italy and comes with a 5-star water rating.





Shower Mixer

Wall mounted built-in single lever mixer in matt black.



Toilet

This ceramic wall-faced suite is rimless and comes with a soft closed seat. Includes Nano Glaze technology for easy cleaning.



Shower - Ensuite

This round shower tower is in matt black and comes with a hand shower, overhead shower and shower hose.



Shower - Guest Bathroom (2-bedroom home only)

This single slide shower with an adjustable shower bracket also comes in matt black.





Vanity Mirror

The LEDLux Halo mirror light comes with colour changing function, dimming function and demister.



Toilet Roll Holder

The metal Geesa Nemox toilet roll holder comes in black and is designed and manufactured in the Netherlands.



ACCESSORIES

Heated Towel Rail

This black Alexander Elan heated towel rail is made of quality stainless steel with dual wiring and 7 rails. IP rating 55.



Robe Hook

2 x metal Geesa Nemox black robe hooks will be installed in each bathroom.

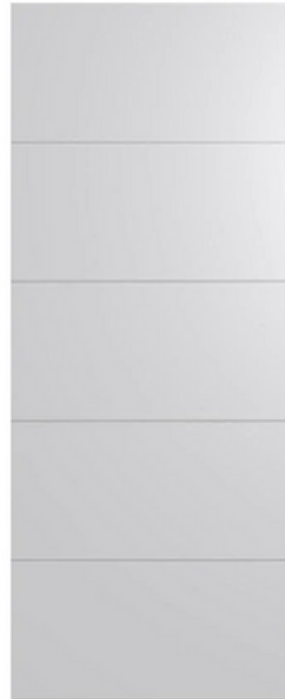


A white internal door with a brass handle and keyhole, set in a white frame against a white wall and dark wood floor. The door features a classic panel design with a central rectangular panel and a smaller horizontal panel below it. The frame is simple and elegant. The wall is a light, neutral color, and the floor is a dark, polished wood. The lighting is soft and even, highlighting the door's details.

INTERNAL DOORS

Internal Doors

All internal doors are hollow core MDF and manufactured in New Zealand.



Door Handles

All bedroom door handles are die-cast zinc and come with a 10-year mechanical warranty. All doors have privacy locks except the hot water cupboard and laundry doors.





WINDOWS

Windows

Our joinery is Aluplast uPVC which has BRANZ approval (Appraisal No. 1005 August 2019).

It comes with multi-point locking hardware, galvanized steel reinforcement and double EPDM rubber seals.

Typical R-Value (Window): 0.77. This includes the Viridian Lightbridge Low Emissivity glass coating and argon gas.

The exterior and interior window frames are black.





LIGHTING

Sabinar 400 Black Pendant

Finish: Black metal/Ash wood
Max Wattage: 1 x 60w ES/E27
Width: 400mm
Length: 1100mm (includes suspension)
Location: Kitchen x 2



Byron 1L 460 Natural Pendant

Finish: Natural brown
Max Wattage: 1 x 45w ES/E27
Width: 460mm
Length: 2000mm (cable)
Depth: 305mm
Location: Living room x 2



Ledlux Axor 4000k White

Finish: Textured Sand White
Max Wattage: 1 x 9W LED
Width: 215mm
Length: 120mm
Depth: 73mm
Location: Throughout



Ledlux Masu LED Adjustable Ceiling Light

Finish: White
Max Wattage: 1 x 18W LED (integrated)
Colour Temperature 3000K
Lumens: 1150lm
Width: 177mm
Length: 177mm (height maximum)
Depth: 120mm (overhang)
Location: Above bathroom vanity



Surface Mount Button - Ollie 300mm

Finish: Black/Opal diffuser
Max Wattage: 18w - 1800 lumens
Lamp: LED Integrated
Rating: IP54 rated
Depth: 42mm
Width: 300mm (dia)
Location: Back deck



LEDLux Mason II Square CCT IP54 WL Dimmable Black

Finish: Black Textured
Max Wattage: 11w - 700 lumens
Lamp: 3000-5000k
Rating: IP54 rated
Depth: 100mm
Width: 100mm
Length: 100mm
Location: Back deck & front porch



LED Strip Light - LEDLux Strip

Finish: Textured Sand White
Max Wattage: 1 x 9W LED
Width: 215mm
Length: 120mm
Depth: 73mm
Location: Below the upper and lower kitchen cabinets



Outdoor 180 Sensor

Finish: White
Lumens: 1150lm
Width: 80mm
Length: 120mm
Depth: 52mm
Maximum Loading: 300w Led
Sensor Distance: 12m
Rating: IP65







VENTILATION

Ventilation System

Lunos is a German-made ventilation system. It has a very low power consumption of 0,09 W/m³/h) and an A+ classification for energy efficiency.

It is a state-of-the-art ventilation system that provides continual air conditioning and heat recovery. This de-centralised system controls and regulates the necessary airflow volume automatically and adjusts to the existing conditions. It works in a way that ensures constant fresh air with minimum energy consumption.



The image shows a close-up, vertical view of dark, weathered wood planks. The wood has a prominent grain and a knot, with a mix of dark brown and black tones. The text "INTERIOR CLADDING" is centered in the middle of the image in a white, serif font.

INTERIOR
CLADDING

Oriented Strand Board (OSB)

The ceiling and upper walls throughout the house will be clad in exposed (OSB). The balance of the walls will be gib-board with paint finish up to 2.4m high.

This product is used on our SIP panels, made of manufactured wood material. It goes through a process where wood strands are compressed into boards. The wood strands are compressed into thin sheets held together with wax and synthetic resin adhesives. A series of these thin sheets are then further compressed and held together with adhesives to create a structural board.

it is a highly sustainable material and very durable. The manufacturing process is able to make use of 90% of an entire tree.





EXTERIOR
FINISHES

CLADDING

Weathergroove Woodsman

This horizontally grooved panel is made up of 97% natural timber. Australian-made, Weathertex uses PEFC-certified state forest or private hardwoods from controlled sources. The logs are chipped, pulped and pressed with 3% natural wax to make eco-friendly, timber products that are completely natural with no chemical additives.

Weathertex is the first manufactured product globally to receive GreenTag Platinum certification with a GreenRate Level A.

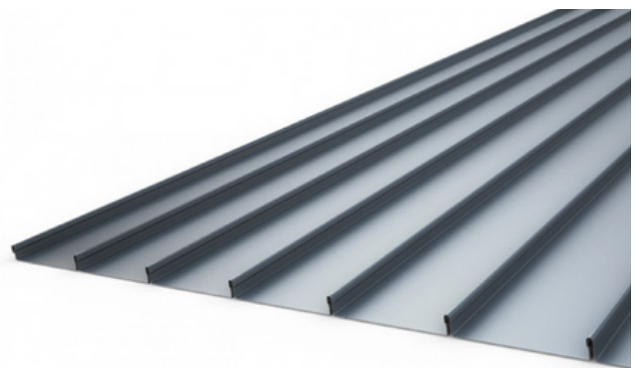


ROOFING

Espan 340

This product is manufactured in New Zealand using 0.55BMT G300 steel. MetalCraft are third-party certified to the Environmental Choice ECNZ-57-16 standard.

Espan is suitable for residential buildings within the scope of NZS 3604.2011.





OPTIONAL EXTRAS

SOLAR (PV) PANELS

Option 1 - approx \$12,000 + GST

An excellent entry-level option for those who want to be still connected to the grid but also use solar power. This system will offset approximately 20 - 30% of your annual power bill and has a payback period of approximately 8 years. Note: this system cannot be connected to a battery bank.

Option 2 - approx \$25,000 + GST

This is a hybrid option for those who wish to utilise more solar for their home and electric vehicle. This system is still grid-tied, but also has a battery bank and will offset approximately 60-70% of your annual power bill, with a payback period of approximately 6-7 years.

CUSTOM WARDROBES

Approx \$7,650 + GST (per bedroom)

This cost is for a 2.1m high x 2.3m wide wardrobe with sliding doors and drawers (as per image).



TILED SHOWER

Approx \$1,400 + tiles + GST (per bathroom)

UNDERFLOOR HEATING

Approx \$1,600 + GST (per bathroom)

RECYCLED RIMU FLOORING

From \$4,290 + GST



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