



This home was designed and constructed by New Zealand's leading supplier of quality, ecofriendly, council compliant Container Homes; IQ Container Homes Ltd

IQ Container Homes are constructed in NZ from new (single trip) corten steel shipping containers. They are solid, safe, transportable and incredibly durable; being fire, earthquake and hurricane resistant.

This Home User Guide provides details on this home including warranty details of the fixtures and fittings and instructions on the various components.

#### Overview:

About IQ Container Homes

Homestar rating

Utilities

Waste Water System

General Maintenance

Local Area Info

Site & House plans

Products and warranties

This home was completed and issued Code of Compliance from the Auckland Council on 3rd November 2015

## **About IQ Container Homes**

IQ Container Homes is a NZ based company established in 2012 out of a passion and desire to provide affordable, quality, sustainable small homes.

By incorporating features such as solar panels and rainwater harvesting, in addition to the positive impact this has on the environment by utilising renewable natural resources and minimising carbon footprint, it makes economic sense too, resulting in reduced running costs and substantial savings over the life of the home.

IQ Container Homes are fitted out with superior insulation, levels that exceed building code requirements by approximately 50% at time of build. Unlike older homes, this ensures your home is cooler in summer and warmer in winter, minimising the need for heating and cooling.

Environmentally friendly materials such as low VOC paints and anti-bacterial flooring have additional health benefits. Great for asthmatics or those with poor immune systems.



Inbuilt rainwater harvesting system collects water from the roof for reuse in toilet and laundry, saving around 45% of your water costs.







Integrated photovoltaic (solar) system reduces electricity cost and can potentially even earn you money in times of low usage.



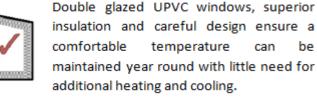




Eco friendly materials & construction methods minimise waste and ensure your IQ home is good for the planet and for your health.









# Homestar rating

Homestar is New Zealand's environmental and energy efficiency rating for both new and existing homes.

It has been designed to create an easy-to-understand rating system for homes, a bit like the Energy Star one for appliances.

This IQ Container home has undergone an official build assessment and been awarded a prestigious and seldom achieved 8 on the Homestar rating scale.



#### What does this mean?

A Homestar 8 rating signifies a world-leading, high-performance home that significantly surpasses the New Zealand building code in health, warmth, and energy efficiency. These homes are designed to international best practices, costing less to run, using fewer resources, and offering superior comfort and air quality compared to a typical new home

#### How does this IQ Container Home achieve this?

#### Health & Comfort

- Superior insulation whose R-value exceeds building code requirements by approximately 50% (at time of construction)
- UPVC double glazed windows and doors delivering an R value 60% higher than traditional aluminium double glazing
- Extractor fan connected to kitchen and bathroom which is vented outside to remove moisture. Bathroom fan on a timer to remain on for 10minutes post showering
- Use of environmental choice and Low VOC products such as Resene paint & Mammoth Insulation
- Composite decking made from recycled plastic and ethically sourced FSC Certified Timber

#### Energy

- All lighting and bulbs are energy saving LED
- Recessed Downlights are ICF rated allowing insulation to abut them
- A 2kw grid tied photovoltaic (solar) system is included to generate renewable energy
- Use of energy star appliances

#### **Water**

- 1000l rainwater tank collects water from the roof for reuse in toilet and laundry (greywater recycling)
- 4\* WELS rated dual flush toilet
- Shower, basin and sink mixer are all 3\*+ WELS rated, using less than 9l/min
- Dishdrawer 4\* WELS rated

#### **Waste**

- · Bins provided for both rubbish and recycling
- Careful design and responsible building minimised waste during construction

#### <u>Management</u>

- Provision of Home User Guide to provide information on your home, design features, manuals, product warranties
- Exterior security lighting fitted with daylight sensor and motion detector
- Multi-lock UPVC windows and doors

#### Site

- Exterior clothesline so washing can be dried outside
- Onsite food production via vege patch and fruit trees
- Abundance of native trees
- Stormwater management via rainwater retention tank







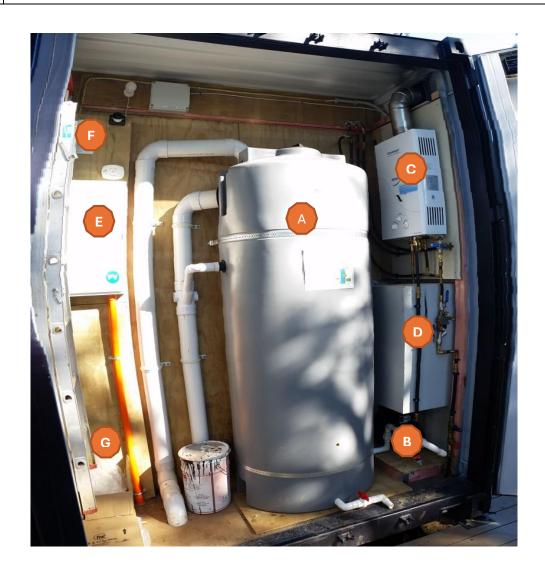


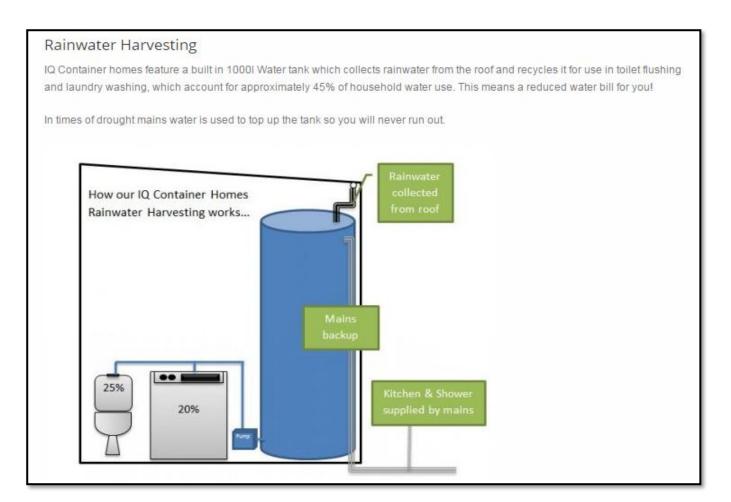
# **Utilities**

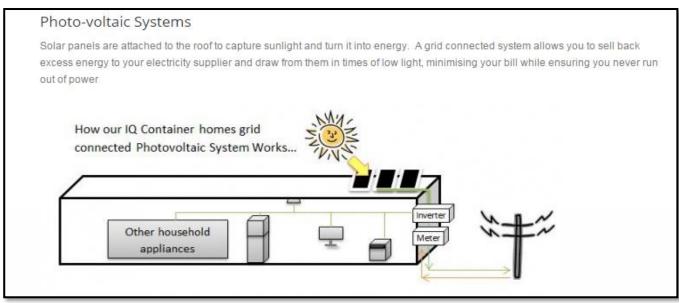
This home has a built-in utilities cupboard located at the end of the container accessed externally through the main container doors.

### This cupboard contains:

(A)	1000l water tank which collects rain from the roof. This is plumbed to recycle this
	water for reuse in the toilet and laundry
(B)	Pump for distributing recycled water
(C)	Instantaneous gas water heater NB Replaced since photo taken, now external
(D)	Storage for 2x9kg LPG gas bottles (accessed through an exterior hatch on the side of
	the container)
(E)	Fuse box
(F)	Inverter and controller for photovoltaic (solar) system
(G)	Additional storage









#### Wastewater

This home is equipped with a 'Simple Wastewater Solutions' wastewater system. This is an environmentally friendly vermiculture (worm) based treatment system with secondary plant filters that uses natural processes to breakdown grey and black water This system requires no electricity and very little maintenance

#### Solid Waste Digester

The Solid Waste Digester is a vermacomposting bin built from rotomould plastic. It has been developed over a ten year period and is well proven. All the solids from the toilet and kitchen sink are trapped on a bark filter where the worms turn it to compost.

For a normal household of four people it will need to have compost removed every two years which is a very simple task. It is specially designed with a round ball to spread solid material evenly in the centre enabling the worms to work from the dry outside, into the moist centre.

There is no smell and the liquid is drained into a series of plant filters for treatment.



#### **Plant Filters**

The plant filters have been designed as a method of secondary treating primary treated waste water. In the conventional on site waste water treatment systems aeration is achieved by electric air pumps forcing air into water. This is both inefficient and expensive with mixed results.

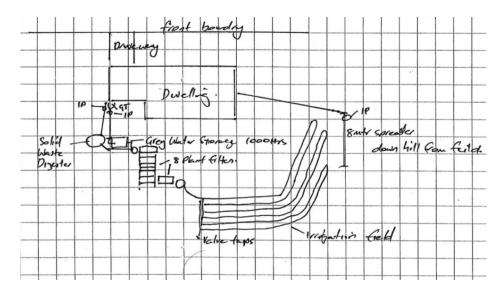
Simple Waste Water Solutions plant filters enable the primary treated waste water to be filtered and returned to an aerobic state by using natural processes. The filtration medium of bark and sawdust also remove nitrogen and the root systems of the plants harbour good bacteria. This is all achieved in enclosed bins in a modular form so as it can be added to if needed, shifted to new sites, and at the same time protecting the environment.

A variety of native plants are used depending on the site. Carex Virgata for shaded areas, Alacurus Acuta for full sunlight, and a variety of other plants with special characteristics.

Once the plants are established there is very little maintenance with weeding and the occasional pruning the only tasks. The plant filters can be connected to any primary treatment system and can be retrofitted to aerated systems to eliminate air pumps.



#### **As Built Plan**



#### **Maintenance Agreement**

Contact Anita Grant for maintenance & inspections Ph: 0274621339 swwsnz.co.nz

SIMPLE WASTE WATER SOLUTIONS LTD

MAINTENANCE AGREEMENT;

Owner; Brenda Kellys Site Address; 19 Rauhura Cres. Parau

DP Number; LOT 1 0. 356 475

ABA number; A64 - 2014 - 2104

#### Simple Waste Water Solution's Responsibility's;

- [1] Year one ,Monthly inspections for the first six months then every three months for the remainder of the first year.
- [2] Pump maintenance for the first year. Home Owners Responsibility's;
- [3] Afteryear one; Ongoing six monthly inspections and maintenance. This includes cleaning of primary filter pipes every six months.
- [4] Clean out 20mm pipes annually or as required.
- [5] Replacement of bark or sawdust as required and appropriate disposal of waste.
- [7] Must have signed maintenance contract in place at all times.
- [8] Notify maintenance provider of any problems in a timely manner.
- [9] Keep plant filters and surrounding area weed free.
- 10 Homeowner must agree to ongoing inspection/monitoring by Auckland Council

Signed by homeowner

p.M. Kelly.

# General Maintenance guidelines

# Important information about the maintenance of your building



New Zealand is one of the few countries in the world that requires buildings and building components to last for specified minimum periods as part of legislation. It is therefore important that normal maintenance is carried out on buildings to ensure they meet legislative requirements.

Normal maintenance is defined as work that is necessary to achieve the expected durability periods for each building component. The frequency and nature of that maintenance will depend on the material or system, its geographical location and position within the building, and may involve the replacement of some components, which are subject to accelerated wear.

The Building Code (B2/AS1, clause 2) states that it is the responsibility of the person specifying (designing) the building elements to determine normal maintenance requirements. This information is usually contained within the specifications attached to your building consent. Maintenance requirements are often based on manufacturer's recommendations and may include the periodic inspection of elements that are not readily visible without special effort (e.g. access to the roof or sub-floor spaces).

Normal maintenance tasks include, but are not limited to:

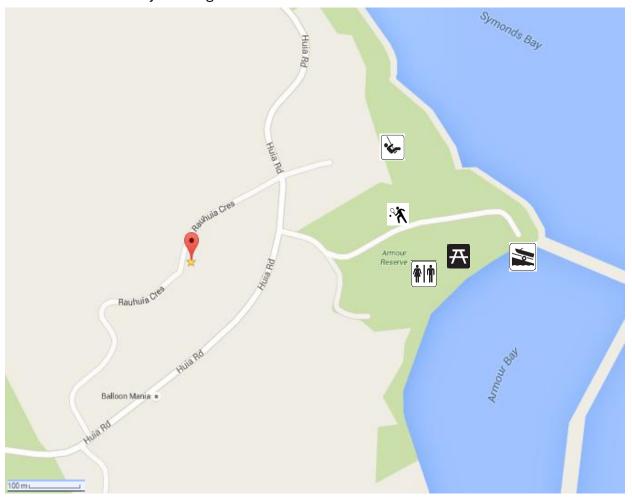
- Regularly washing down external surfaces, especially those subject to wind driven salt spray
- Regularly cleaning internal surfaces, especially those subject to moisture (bathrooms, laundries, etc
- Ensure your home / building is well-ventilated; open windows and clean air-extraction systems
  - o Dampness encourages mould and mildew which can harm your health
- . Ensure ground levels are maintained around the building and kept well below the cladding
  - o Don't block subfloor ventilators or weep holes in brick veneer, they are there for a reason
  - Remove all moss, dirt, overgrown vegetation and obstacles
- Removing and cleaning water traps in showers to remove hair and other foreign matter
- · Re-coating or painting interior and exterior surface finishes
- Replacing sealant, seals and gaskets in joints
- Replacing valves, washers and similar high-wearing components in service equipment and other building elements
- Cleaning and replacing filters in building services
- · Cleaning out gutters and spouting
- · Cleaning out cess pits and cut-off drains
- Regular servicing of boilers, cooling towers, lifts, escalators, emergency lighting and fire protection equipment
- · Regular servicing of heating, ventilation and air-conditioning systems
- Cleaning and maintaining signs for access, escape routes, emergency equipment and hazardous areas

Maintenance does not include replacing or upgrading building elements to meet the demands of new technology or to increase the environmental expectations of users.

For more information about maintenance, please refer to the Consumer build website at <a href="http://www.consumerbuild.org.nz/publish/maintenance.php">http://www.consumerbuild.org.nz/publish/maintenance.php</a>

### Local Area

Armour Bay beach and reserve with playground, tennis court, picnic facilities and boat ramp are a short 5min stroll away. Titirangi town centre is a mere 10min drive



#### Schools around Parau, Auckland

School	Type	Decile	Zone
Laingholm School	Contributing	10	Zone not
Victory Road, Laingholm, Auckland	(Year 1-6)		specified
Green Bay High School	Secondary	8	In Zone
143–161 Godley Road, Green Bay, Auckland	(Year 9-15)		

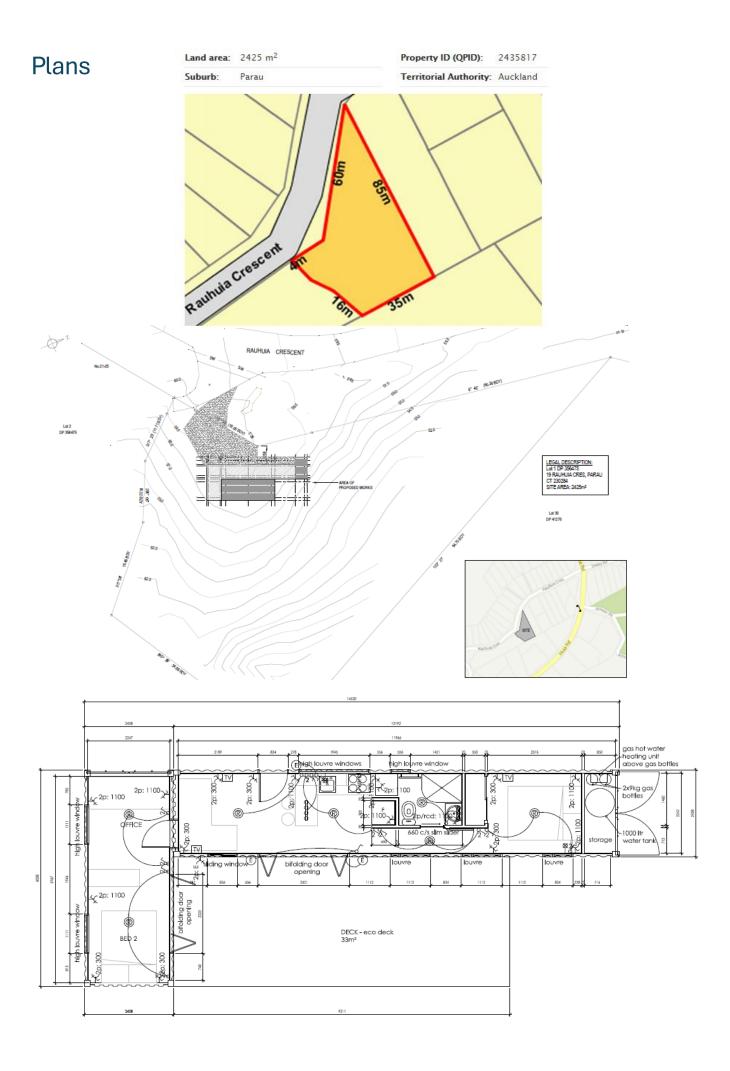
#### **Rubbish collection:**

The cost of rubbish collection is now covered by your rates

Rubbish is to be placed in the big green bin with the yellow lid & placed roadside by letterbox before 7am on collection day. Rubbish is currently collected every Wednesday morning

#### **Recycling Collection:**

Plastics and glass to be placed in blue council bin provided. Cardboard to be kept separate. Please leave at roadside by letterbox. Recycling is currently collected every 2nd Wednesday



# **Product and Warranties**

Sathroom & Laundry	Product	Energy/water rating	Warranty	Description		
Shower Mirror Cabinet Mirror Cabinet Toilet Wels 4* (4.5/3l) 3 years Wels rated, 5-Pan Wels 7* 7.5l/m Syears Go0 Torana 2 dwr w 80mm polymarble top Shower slide & basin mixer Wells 3-4* 7.5l/m Prespectively Towel Rail Toilet Holder Toilet Holder Toilet Holder Toilet Holder Towel Rail Wells 4*, Energy 3,5*  Kitchen Ki						
Mirror Cabinet         Wels 4* (4.5/3l)         3 years         Wels rated, 5-Pan           Toilet         Wels 4* (4.5/3l)         3 years         Wels rated, 5-Pan           Vanity         5 years         600 Torana 2 dwr w 80mm polymarble top           Shower slide & basin mixer         Wells 3-4* 7.5l/m         2y ears         Concerto 60cm double (4821513)           Towel Rail         2 years         Concerto (4821520)           Fan/light         Goldair silver GHL200 (171630)           Washer dryer         Wells 4*, Energy 3.5*         Z Years         Electrolux EWF14742 FL (126331)           Kitchen         Fixthen acbinetry         5 years         ExSpace           Kitchen acbinetry         5 years         ExSpace           F&P Oven         2 years         OB60NLMX2           F&P Cooktop         2 years         OB60NLMX2           F&P Cooktop         2 years         D660SCX7           F&P Dishdrawer         3.5* energy, 4.5*wels         2 years         D660SCX7           Sink Mixer         Wels 4* 7.5l/m         5 years         Mondell (0170325)           Splasback         10 years         Vistelle - Acrylic           Fridge Freezer         3.5* energy         2 years         Samsung SR255MLS           Other         Was	-		3 years	RS04-100*80-L Curved shower		
Tollet Wels 4* (4.5/3l) 3 years 600 Torana 2 dwr w 80mm polymarble top Shower slide & basin mixer  Wells 3-4* 7.5l/m  Zyears Concerto 60cm double (4821513) Tollet Holder Tollet Holder Tollet Holder Fan/light  Wells 4*, Energy 3.5*  Kitchen Kitchen Kitchen cabinetry Engineered stone benchtop F&P Oven F&P Oven F&P Oven F&P Coktop F&P Rangehood F&P Dishdrawer  3.5* energy, 4.5* wels Sink Mixer Wels 4* 7.5l/m Wels 4* 7.5l/m Splasback Fridge Freezer  3.5* energy, 2 years DoboSCX7  A.5* wels  Niterior Paint Dulux Environ choice certified UPVC Windows & doors  Wall & Celling Insulation R3.2 walls EED dimable down lights Panasonic Heat Pump A.5* energy A.9* seregy B.9* seregy B.9* sery B.9* sony Bravia Black our roller blinds Wels 4* 9.5 energy A.9* sery B.9* sony Bravia Black our roller blinds Was Holder Book Black our roller blinds Was Haus Ralis Blimline 1000 Black our roller blinds Was Holder Book Black our roller blinds Was Holder Book Black our roller blinds Was Haus Ralis Blimline 1000 Black our roller blinds Was Holder Book Black our roller blinds Was Haus Ralis Blimline 1000 Black our roller blinds Was Haus Ralis Blimline 1000 Black Our roller blinds Was Haus Ralis Blimline 1000 Black Our roller blinds Was Black Our rol			7 7 6 6 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7			
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Washer dryer     Wells 4*, Energy 3.5*     Electrolux EWF14742 FL (126331)       Kitchen     5 years     ExSpace       Kitchen cabinetry     5 years     ExSpace       Engineered stone benchtop     2 years     OB60NLMX2       F&P Cooktop     2 years     CE302CBX1       F&P Rangehood     2 years     H560CSX2       F&P Dishdrawer     3.5* energy, 4.5*wels     2 years     Mondell (0170325)       Sink Mixer     Wels 4* 7.5!/m     5 years     Mondell (0170325)       Splasback     10 years     Vistelle - Acrylic       Fridge Freezer     3.5* energy     2 yeors     Somsung \$R255MLS       Other       Underfloor insulation     R1.9 Environ choice certified     Wash & Wear       UPVC Windows & doors     R0.41     15yrs joinery, 10yrs glass, 5yrs hardware     Warm Windows. Various sizes       Wall & Ceiling Insulation     R3.2 walls     Limited Lifetime     NZAS. Heatlok soy polyurethene foam. 70mm walls, 100mm ceiling       Flooring     Eurofins Gold certified     Limited Lifetime     SmartPlank vinyl SP320 Matakana certified       LED dimable down lights     DETA 4x15w, 1x18w, 1x12w       Panasonic Heat Pump     4 9kw, 3star     6 years     Model: CS/CU-E12PKR       32" TV     5* energy     Sony Bravia       Black our roller blinds     1 yea	Toilet Holder		2 years	Concerto (4821520)		
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Splasback10 yearsVistelle - AcrylicFridge Freezer3.5* energy2 yearsSamsung SR255MLSOtherInterior PaintWash & WearUnderfloor insulationR1.9 Environ choice certifiedSoyearsInsulpro Mammoth R1.9 MultiUPVC Windows & doorsR0.4115yrs joinery, 10yrs glass, 5yrs hardwareWarm Windows. Various sizesWall & Ceiling InsulationR3.2 walls R4.6 ceilingLimited Lifetime CertifiedNZAS. Heatlok soy polyurethene foam. 70mm walls, 100mm ceilingFlooringEurofins Gold certifiedLimited Lifetime CertifiedSmartPlank vinyl SP320 MatakanaLED dimable down lightsDETA 4x15w, 1x18w, 1x12wPanasonic Heat Pump4.9kw, 3star6 yearsModel: CS/CU-E12PKR32" TV5* energySony BraviaBlack our roller blinds1 yearSpotlightWater Tank1000l10yrsAqua tank Slimline 1000PumpEcojet 500pcGas Hot Water system2kw grid connected, micro inverted10 yr product, 25 yr energy production, 5 yr inverterGas Bottles2x9kg LPG	T CIT DISTILLIANCE		2 years	BBCCSCAT		
Fridge Freezer     3.5* energy     2 years     Samsung SR255MLS       Other     Interior Paint     Dulux Environ choice certified     Wash & Wear       Underfloor insulation     R1.9 Environ choice certified     Insulpro Mammoth R1.9 Multi       UPVC Windows & doors     R0.41     15yrs joinery, 10yrs glass, 5yrs hardware     Warm Windows. Various sizes       Wall & Ceiling Insulation     R3.2 walls R4.6 ceiling     Limited Lifetime SmartPlank vinyl SP320 Matakana       Flooring     Eurofins Gold certified     Limited Lifetime SmartPlank vinyl SP320 Matakana       LED dimable down lights     DETA 4x15w, 1x18w, 1x12w       Panasonic Heat Pump     4.9kw, 3star     6 years     Model: CS/CU-E12PKR       32" TV     5* energy     Sony Bravia       Black our roller blinds     1 year     Spotlight       Water Tank     1000l     10yrs     Aqua tank Slimline 1000       Pump     Ecojet 500pc       Gas Hot Water system     2kw grid connected, micro inverted     10 yr product, 25 yr energy production, 5 yr inverter       Gas Bottles     2x9kg LPG     Insulprocessor	Sink Mixer	Wels 4* 7.5l/m	5 years	Mondell (0170325)		
Other       Dulux Environ choice certified       Wash & Wear         Underfloor insulation       R1.9 Environ choice certified       50years       Insulpro Mammoth R1.9 Multi         UPVC Windows & doors       R0.41       15yrs joinery, 10yrs glass, 5yrs hardware       Warm Windows. Various sizes         Wall & Ceiling Insulation       R3.2 walls R4.6 ceiling       Limited Lifetime       NZAS. Heatlok soy polyurethene foam. 70mm walls, 100mm ceiling         Flooring       Eurofins Gold certified       Limited Lifetime       SmartPlank vinyl SP320 Matakana         LED dimable down lights       DETA 4x15w, 1x18w, 1x12w         Panasonic Heat Pump       4.9kw, 3star       6 years       Model: CS/CU-E12PKR         32" TV       5* energy       Sony Bravia         Black our roller blinds       1 year       Spotlight         Water Tank       1000l       10yrs       Aqua tank Slimline 1000         Pump       Ecojet 500pc         Gas Hot Water system       2kw grid connected, micro inverted       10 yr product, 25 yr energy production, 5 yr inverter         Gas Bottles       2x9kg LPG       10 yr product, 25 yr energy production, 5 yr inverter	Splasback		10 years	Vistelle - Acrylic		
Interior Paint  Dulux Environ choice certified  Underfloor insulation  R1.9 Environ choice certified  UPVC Windows & doors  R0.41  15yrs joinery, 10yrs glass, 5yrs hardware  Wall & Ceiling Insulation  R3.2 walls R4.6 ceiling  Flooring  Eurofins Gold certified  Limited Lifetime  SmartPlank vinyl SP320 Matakana  Eurofins Gold certified  Limited Lifetime  DETA 4x15w, 1x18w, 1x12w  Panasonic Heat Pump  4.9kw, 3star  6 years  Model: CS/CU-E12PKR  32" TV  5* energy  Black our roller blinds  1 year  Sony Bravia  Black our roller blinds  1 year  Spotlight  Water Tank  1000l  10yrs  Aqua tank Slimline 1000  Pump  Gas Hot Water system  Solar King PV System  2kw grid connected, micro inverted  Gas Bottles	Fridge Freezer	3.5* energy	2 years	Samsung SR255MLS		
Interior Paint  Dulux Environ choice certified  Underfloor insulation  R1.9 Environ choice certified  UPVC Windows & doors  R0.41  15yrs joinery, 10yrs glass, 5yrs hardware  Wall & Ceiling Insulation  R3.2 walls R4.6 ceiling  Flooring  Eurofins Gold certified  Limited Lifetime  SmartPlank vinyl SP320 Matakana  Eurofins Gold certified  Limited Lifetime  DETA 4x15w, 1x18w, 1x12w  Panasonic Heat Pump  4.9kw, 3star  6 years  Model: CS/CU-E12PKR  32" TV  5* energy  Black our roller blinds  1 year  Sony Bravia  Black our roller blinds  1 year  Spotlight  Water Tank  1000l  10yrs  Aqua tank Slimline 1000  Pump  Gas Hot Water system  Solar King PV System  2kw grid connected, micro inverted  Gas Bottles						
Choice certifiedChoice certifiedUnderfloor insulationR1.9 Environ choice certified50yearsInsulpro Mammoth R1.9 MultiUPVC Windows & doorsR0.4115yrs joinery, 10yrs glass, 5yrs hardwareWarm Windows. Various sizesWall & Ceiling InsulationR3.2 walls R4.6 ceilingLimited Lifetime PanawareNZAS. Heatlok soy polyurethene foam. 70mm walls, 100mm ceilingFlooringEurofins Gold certifiedLimited Lifetime PanawareSmartPlank vinyl SP320 MatakanaLED dimable down lightsDETA 4x15w, 1x18w, 1x12wPanasonic Heat Pump4.9kw, 3star6 yearsModel: CS/CU-E12PKR32" TV5* energySony BraviaBlack our roller blinds1 yearSpotlightWater Tank1000l10yrsAqua tank Slimline 1000PumpEcojet 500pcGas Hot Water system2kw grid connected, micro inverted10 yr product, 25 yr energy production, 5 yr inverterGas Bottles2x9kg LPG	Other					
UPVC Windows & doorsR0.4115yrs joinery, 10yrs glass, 5yrs hardwareWarm Windows. Various sizesWall & Ceiling InsulationR3.2 walls R4.6 ceilingLimited Lifetime Imited Lifetime I	Interior Paint			Wash & Wear		
Wall & Ceiling Insulation R3.2 walls R4.6 ceiling Flooring Eurofins Gold certified LED dimable down lights Panasonic Heat Pump A.9kw, 3star Black our roller blinds Water Tank 1000l Pump Gas Hot Water system Solar King PV System  Wall & Ceiling Insulation R3.2 walls R4.6 ceiling R4.6 ceiling R4.6 ceiling Limited Lifetime SmartPlank vinyl SP320 Matakana Tomm walls, 100mm ceiling NZAS. Heatlok soy polyurethene foam. Tomm walls, 100mm ceiling NZAS. Heatlok soy polyurethene foam. Tomm walls, 100mm ceiling NZAS. Heatlok soy polyurethene foam. Tomm walls, 100mm ceiling SmartPlank vinyl SP320 Matakana Smart	Underfloor insulation		50years	Insulpro Mammoth R1.9 Multi		
R4.6 ceiling Flooring Eurofins Gold certified  LED dimable down lights Panasonic Heat Pump 32" TV 5* energy Black our roller blinds Vater Tank 1000l 10yrs Aqua tank Slimline 1000 Pump Gas Hot Water system Solar King PV System R4.6 ceiling Funding Aqua tank Slimline 1000 Funding Aqua tank Slimline 1000 Solar King PV System  R4.6 ceiling Funding Curving SmartPlank vinyl SP320 Matakana Certified Shart Limited Lifetime Shart Plank vinyl SP320 Matakana Shart Plan	UPVC Windows & doors	R0.41	10yrs glass, 5yrs	Warm Windows. Various sizes		
Flooring Eurofins Gold certified DETA 4x15w, 1x18w, 1x12w  Panasonic Heat Pump 4.9kw, 3star 6 years Model: CS/CU-E12PKR  32" TV 5* energy Sony Bravia  Black our roller blinds 1 year Spotlight  Water Tank 1000l 10yrs Aqua tank Slimline 1000  Pump Ecojet 500pc  Gas Hot Water system 2kw grid connected, micro inverted  Gas Bottles 2x9kg LPG	Wall & Ceiling Insulation		Limited Lifetime	, , ,		
LED dimable down lights  DETA 4x15w, 1x18w, 1x12w  Panasonic Heat Pump  4.9kw, 3star  5 years  Model: CS/CU-E12PKR  32" TV  5* energy  Sony Bravia  1 year  Spotlight  Water Tank  1000l  10yrs  Aqua tank Slimline 1000  Pump  Ecojet 500pc  Gas Hot Water system  Solar King PV System  2kw grid connected, micro inverted  Gas Bottles  2x9kg LPG						
Panasonic Heat Pump 4.9kw, 3star 6 years Model: CS/CU-E12PKR  32" TV 5* energy Sony Bravia  Black our roller blinds 1 year Spotlight  Water Tank 1000l 10yrs Aqua tank Slimline 1000  Pump Ecojet 500pc  Gas Hot Water system 2kw grid connected, micro inverted  Gas Bottles 2x9kg LPG	Flooring		Limited Lifetime	SmartPlank vinyl SP320 Matakana		
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Black our roller blinds 1 year Spotlight  Water Tank 1000l 10yrs Aqua tank Slimline 1000  Pump Ecojet 500pc  Gas Hot Water system 2kw grid connected, micro inverted  Gas Bottles 2x9kg LPG	Panasonic Heat Pump	4.9kw, 3star	6 years	Model: CS/CU-E12PKR		
Water Tank  1000l  10yrs  Aqua tank Slimline 1000  Ecojet 500pc  Gas Hot Water system  Solar King PV System  2kw grid connected, micro inverted  Gas Bottles  2x9kg LPG	32" TV	5* energy		Sony Bravia		
Pump Ecojet 500pc  Gas Hot Water system 2kw grid connected, micro inverted  Gas Bottles 2x9kg LPG Ecojet 500pc	Black our roller blinds		1 year	Spotlight		
Gas Hot Water system  Solar King PV System  2kw grid connected, micro inverted  Gas Bottles  2x9kg LPG  10 yr product, 25 yr energy production, 5 yr inverter	Water Tank	10001	10yrs	Aqua tank Slimline 1000		
Solar King PV System  2kw grid connected, micro inverted  Gas Bottles  2kw grid connected, micro inverted  2x9kg LPG  10 yr product, 25 yr energy production, 5 yr inverter	Pump			Ecojet 500pc		
micro inverted Gas Bottles 2x9kg LPG	Gas Hot Water system					
	Solar King PV System		10 yr product, 25	yr energy production, 5 yr inverter		
Composite Decking 25yr limited Dachshound Decking	Gas Bottles	2x9kg LPG				
	Composite Decking		25vr limited	Dachshound Decking		

Code compliance certificate
Section 95, Building Act 2004
(Form 7 – Building (Forms) Regulations 2004)



THE BUILDING							
Building consent number:	ABA-20	014-2104		Date building co	onsent ssued:	09-Jar	n-2015
Street Address of building:	19 Rauhuia Crescent, PARAU						
Legal description land where buildir is located:							
Currently, lawfully	established	use: Housing					
Year first construc	cted:	2014					
THE OWNER							
Name of owner: B M Kelly							
Mailing address: 19 Rauhuia Crescent, PARAU							
Street address/ registered office:	19 Rauhuia	a Crescent, PARAU					
Phone Number:	Landline:	N/A			ı	Mobile:	021-1154553
Daytime: N/A		After hours:	N/A		Facsim	ile No:	N/A
<b>BUILDING WO</b>	RK	ALIVE MALE					
The following bui	lding work is	authorised by this bu	uilding consen	t:			
pile foundations t	o take propos	e storey, including tw sed shipping contain ns. Sanitary and stor	er modificatio	n home, manufact	ured off	site and	area, and new deck. Ne d then transported and retaining walls.
CODE COMPLI							
					hat:		
The building cons	ent authority	named below is sat	istled, on reas	onable grounds, t	iut.		
The building cons		named below is sat s with the building co		onable grounds, t	idu		
The building cons	work complie			Date is	Γ	03-Nov	-2015