



Ministry of Business,
Innovation & Employment

MultiProof Certificate

This is to certify that a National Multiple-Use Approval has been issued to:

EcoTech Homes (NZ) Ltd

Apartment

Single level prefabricated building

under Section 30F of the Building Act 2004 in respect of the approved plans and specifications* and subject to the conditions** specified:

Details of this National Multiple-Use Approval have been entered in the register of National Multiple-Use Approvals in accordance with Section 273 of the Building Act 2004.

John Gardiner
Manager Determinations and Assurance
Building System Performance Branch
Ministry of Business, Innovation and Employment

6 August 2013

Date Issued

A10067 Rev 1 Issued 19 July 2016

Certificate Number

*The approved plans and specifications are those held by the Ministry

**See Schedule for specific drawing references, permitted variations and conditions of approval

Note: The National Multiple-Use Approval referred to in this certificate is subject to change, suspension or revocation. For the current status of this National Multiple-Use Approval, check the Ministry's website www.building.govt.nz/multiproof

Schedule for certificate number A10067

Permitted Variations:

Floor Plan:

Basic floor plan (A101) can be replaced with Type B Variation (A101b), either floor plan as 2 bedroom or 1 bedroom & office

Cladding:

None

Joinery:

None

Building Design Reference to Drawings

Cover/Drawing Schedule	A100	Rev 1		
Floor Plan, Internal Elevations	A101	Rev 1	Typical Corner Block Cap	216
Floor Plan, Internal Elevations (Type B Variation)	A101b	Rev 1	Typical Door Sill	217
Elevations	A102	Rev 1	Typical Downpipe Base	218
Elevations (Type B Variation)	A102b	Rev 1	Eaves Extension Detail	223
Cross Sections	A103	Rev 1	Eaves Extension at Gutter	227
Cross Sections (Type B Variation)	A103b	Rev 1	Deck Soffit to Wall Side Detail	250
Roof Plan, Drainage Plan	A104	Rev 1	Deck Side Wall Base Detail	251
Roof Plan, Drainage Plan (Type B Variation)	A104b	Rev 1	Deck Front Corner Plan Detail	252
Services Plan, Lighting Plan	A105	Rev 1	Front Edge of Deck Detail	253
Services Plan, Lighting Plan (Type B Variation)	A105b	Rev 1	Deck Window Jamb Front Edge Detail	254
			Deck Window Head & Sill Detail	255
			Deck to Apartment Threshold	256
Typical Floor Joist, Flooring Detail	201		Deck Leading Edge Soffit	257
Typical Outer Edge, Internal Junction	202		Deck Door Head Detail	258
Box Gutter Detail at Downpipe	203		Front Wall Unit Junction Plan Detail	259
Roof Connection between Modules	204		Roof Penetration Exhaust Assembly	260
Window Head at Side Wall	205			
Window Sill at Side Wall	206			
Casement Window Jamb at Side Wall	207			
Ceiling Wall Junction at Side Wall	208			
Typical Wall Detail	209			
Rear Wall at Downpipe Plan	210			
Rear Wall Connection between Modules Plan	211			

This National Multiple-Use Approval is subject to the following conditions:

1. Subject to the Permitted Variations, this National Multiple-Use Approval may only be used in its entirety, and does not apply to any one part of the plans and specifications.
2. This National Multiple-Use Approval includes the Permitted Variations set out in this Schedule.
3. Mirror images of the floor plan are permitted
4. This National Multiple-Use Approval can only be used where the following conditions apply:
 - a. Seismic zones: Limited to sites with a maximum earthquake hazard factor (Z) of 0.41 in all subsoil classes. Limited to sites with a maximum earthquake hazard factor (Z) of 0.52 in subsoil classes A to C in accordance with AS/NZS 1170.5:2004
 - b. Snow Loading: Limited to sites with a maximum ground snow load of 2.4kPa in accordance with NZBC B1/VM1
 - c. Wind zones: Limited to sites with an Ultimate wind speed of 50m/s (Very High) in accordance with AS/NZS 1170.2:2002
 - d. Climate zones: Zone 3
 - e. Exposure zone: Category D and including geothermal areas

Note: Site specific design work may include the following:

- a. Foundation design— to be designed for all actions due to live loads, dead loads and uplift (where overturning due to earthquake or wind load is to be resisted). Foundations are to support the buildings under the longitudinal channel sections within 300mm of each end and at a maximum spacing of 3m
- b. Plumbing and Drainage beyond facade
- c. All Protection from Fire design
- d. All accessibility design
- e. Design of steps, ramps, decks, balustrade, add-on eaves or verandahs
- f. Design of supporting features such as access routes, safety from falling, signage, visibility in escape routes

Certificate Holder

EcoTech Homes (NZ) Ltd
20 Oxford Street, Richmond,
Nelson 7020
Company number: 2432010
Certificate number: A10067

Issued by

Ministry of Business, Innovation and
Employment
PO Box 1473, Wellington 6140
Website:
www.building.govt.nz/multiproof
Email: multiproof@mbie.govt.nz
Date issued: 6 August 2013

Restricted Building Work

Certificates of Work received from:

Andrew Reid **CPEng 1010170**

- Primary Structure
(excl foundations)

Graeme Whimp **BP 100576**

- External Moisture Management
Systems

Peter Marment **Reg Arch 5113**

- External Moisture Management
Systems