

Nationwide House Energy Rating Scheme* — Class 2 summary



Certificate number: **0002271760**

Certificate Date: **11 Dec 2017**

★ Average Star rating: **6.0**

Assessor details

Accreditation number: **VIC/BDAV/12/1462**
Name: **Manuel Basiri**
Organisation: **Eco Certificates Pty Ltd**
Email: **info@ecocertificates.com.au**
Phone: **1300162436**
Declaration of interest: **None**
Software: **BERS Pro v4.3.0.2a (3.13)**

AAO: **BDAV**

Dwelling details

Street: **9-15 Lawrence Street**
Suburb: **Freshwater**
State: **NSW**
Postcode: **2096**

Scan to access this certificate online and confirm this is valid.



Summary of all dwellings

Certificate Details

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0002271278	1	40.0	10.0	50.0	6.2
0002271211	2	45.0	8.0	53.0	5.9
0002271153	3	35.0	11.0	45.0	6.4
0002271427	4	45.0	10.0	55.0	5.8
0002271401	5	44.0	11.0	55.0	5.8
0002271377	6	45.0	10.0	55.0	5.8
0002271310	7	30.0	27.0	57.0	5.6
0002271294	8	45.0	17.0	63.0	5.3
0002271252	9	38.0	21.0	59.0	5.4
0002271203	10	21.0	13.0	34.0	7.4
0002271419	11	26.0	11.0	37.0	7.2
0002271393	12	27.0	12.0	38.0	7.1
0002271351	13	37.0	16.0	53.0	5.9
0002271328	14	41.0	17.0	58.0	5.4
0002271286	15	45.0	17.0	62.0	5.3

Nationwide House Energy Rating Scheme* - Class 2 summary

Certificate number: **0002271760**

Certificate Date:

11 Dec 2017

★ Average Star rating: **6.0**



Summary of all dwellings continued

Certificate Details

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0002271260	16	42.0	13.0	55.0	5.7
0002271245	17	41.0	13.0	54.0	5.8
0002271237	18	26.0	28.0	54.0	5.8
0002271229	19	46.0	20.0	65.0	5.1
0002271195	20	38.0	24.0	63.0	5.3
0002271179	21	24.0	17.0	41.0	6.9
0002271161	22	28.0	14.0	42.0	6.8
0002271146	23	28.0	14.0	42.0	6.8



Date Issued: 1/12/2017

NatHERS Building Thermal Modelling Performance Specifications

Development: 15 Lawrence St, Freshwater NSW 2096

These are the specifications upon which the certified assessment is based. If details included in these specifications vary from other drawings or written specifications, these specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents.

Thermal Modelling Software: BERS Pro v4.3.0.1 (3.13)

Windows and Skylights

Description	Type	U Value	SHGC
All windows 6, 14, 17 and 18	Aluminium A SG High Solar Gain Low-E	5.40	0.49
All windows of 2	Aluminium A DG Air Fill High Solar Gain low-E	4.30	0.47
All other windows	Aluminium frame single glazed clear	6.70	0.74

Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and SHGC values of the product specified above.

External and Internal Walls

Description	Type	Insulation	Colour - Solar Abs
All external walls	Concrete Panel	R 1.5	Light SA<0.475
All internal walls	Plasterboard	N/A	
All common walls	ACC Panels	R 1.5	
All party walls	ACC Panels	N/A	

Floors, Ceilings and Roofs

Description	Construction	Insulation	Covering-Solar Abs
All floors on top of carpark	Concrete	R 1.0	
All floors on top of another unit	Concrete	N/A	
All ceilings on under another unit	Concrete with Plasterboard	N/A	
All other ceilings	Plasterboard	R 2.5	
All roofs	Concrete	N/A	Light SA<0.475

Electrical services designer and installer must make sure that approved fireproof down-light covers, which can be fully covered by insulation, are specified and deployed during construction for all down-lights installed on the ceilings where insulation is specified and installed.

True North Orientation: 280
Terrain Category: Suburban
Seals on Windows and Doors: Yes
Lighting Design Plans Provided: No
Climate Zone: 56