

Cadence and Co Proposed Residential Development

To be built at **Lot 16 Tutus Street, Balgowlah Heights NSW 2093**

Issue	File Ref	Description	Author	Date
A	18-1754	NatHERS and BASIX Assessment	HE	15/03/19

This report has been prepared by Efficient Living Pty Ltd on behalf of our client Cadence and Co. Efficient Living prepares all reports in accordance with the BASIX Thermal Comfort Protocol and is backed by professional indemnity insurance. This report takes into account our Client's instructions and preferred building inclusions.



Assessor: Haylea Edwards
Email: haylea@efficientliving.com.au

License Holder: Tracey Cools
Accreditation Number: VIC/BDAV/12/1473

BASIX Details:

NatHERS Certificate Number:

BASIX adjusted conditioned area: 386.8m²

BASIX adjusted un-conditioned area: 46.6m²

Area adjusted heating load: 43.2MJ/ m²/pa

Area adjusted cooling load: 25.9MJ/ m²/pa

Specification

Heating and cooling loads for the development have been determined using BERS Pro Plus 4.3 thermal comfort simulation software, and assessed under the thermal simulation method of the BASIX Protocol.

The following specification was used to achieve the thermal performance values. Modelling proxies are used at times and if the buildings element details vary the thermal performance specification below shall take precedence.

If there is a change to this specification during design or construction phases, please contact Efficient Living for advice and if required an updated Certificate will be issued.

Floors

Concrete slab on ground with an R1.5 insulation

Concrete between levels, no insulation required

Timber between levels, no insulation required

Suspended timber floor with R2.5 insulation

External Walls

200mm dintel walls

Lightweight cladding on framed walls with R2.0 insulation (insulation only value)

Note: No insulation is required to garage walls

External Colour

Default colour modelled

Walls within dwellings

110mm dintel walls. R1.5 insulation to internal entry walls

Plasterboard on studs no insulation

Glazing Doors/Windows

Aluminium framed performance glazing:

U-value: 5.20 (equal to or lower than) SHGC: 0.49 (±10%)

Given values are AFRC total window system values (glass and frame)

Note: Openability modelled as per BASIX Thermal Protocol – 4.14.2 and NatHERS Technical Note 1.2 – 10.11 with regards to restricted openings

Skylights

Double glazed with timber or aluminium frame
R1.5 insulation to skylight shaft

Roof

Concrete roof, no insulation
Metal roof with foil backed blanket ($R_{u1.0}$ and $R_{d1.0}$)

External Colour

Dark ($SA > 0.7$)

Ceilings

Plasterboard ceiling with R3.0 insulation (insulation only value) where roof or balcony
Plasterboard ceiling with R2.5 insulation (insulation only value) to soffit of concrete basement, storage and service areas

Ceiling Penetrations

Ceiling penetrations not to exceed NatHERS certificate

Floor coverings

Carpet to bedrooms, tiles to bathrooms and laundry, timber elsewhere

External Shading

Vergola, window boxes, pergolas and eaves as per NatHERS stamped plans

Ventilation

All external door have weather seals, all exhaust fans and chimneys have dampers, and down lights proposed will have capped fittings

Nationwide House Energy Rating Scheme* Certificate



Certificate number: **0003691854-01**

Certificate Date: **15 Mar 2019**

★ Star rating: **4.9**

BERS Pro v4.3.0.0 (3.13) cannot be used to model 'roof windows'. Roof windows are 'openable or fixed windows in a roof' and do not have a shaft, as distinct from skylights which incorporate a built-in shaft and are not ventilated. BERS Pro v4.3 can only model skylights. If a roof window is present on the floor plan then this certificate is not valid.

Assessor details

Accreditation number: **VIC/BDAV/12/1473**
Name: **Tracey Cools**
Organisation: **Efficient Liiving Pty Ltd**
Email: **admin@efficientliving.com.au**
Phone: **(02) 9970 6181**
Declaration of interest: **None**
Software: **BERS Pro v4.3.0.2d (3.13)**
AAO: **BDAV**

Overview

Dwelling details

Street: **Tutus Street**
Suburb: **Balgowlah Heights**
State: **NSW** Postcode: **2093**
Type: **New Dwelling** NCC Class: **1A**
NatHERS climate zone: **56**
Lot/DP number: **16/9561** Exposure: **Suburban**

Key construction and insulation materials

(see following pages for details)

Construction: **Tilt up Concrete**
Corrugated Iron
Concrete Slab on Ground
Insulation: **R2.0 wall insulation**
R3.0 ceiling insulation
R1.5 floor insulation
Glazing: **ALM-004-02 A Aluminium B DG Air Fill**
Tint-Clear

Net floor area (m²)

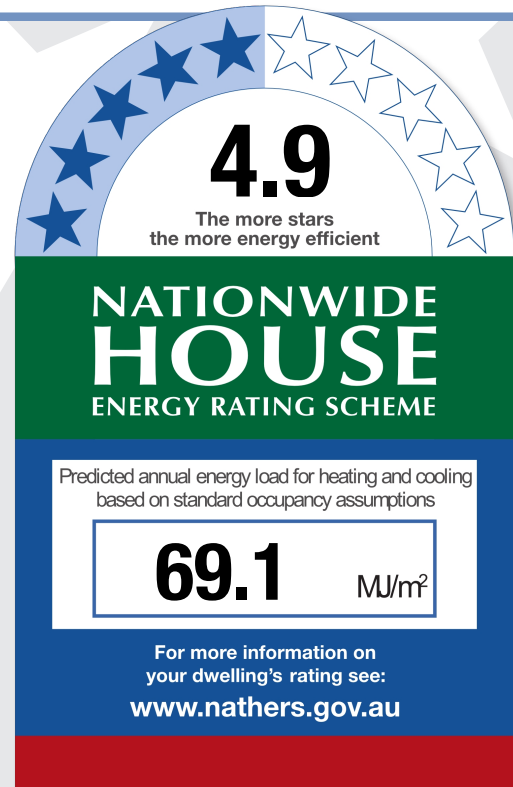
Conditioned: **387.0**
Unconditioned: **274.0**
Garage: **227.0**
TOTAL: **661.0**

Annual thermal performance loads (MJ/m²)

Heating: **43.2**
Cooling: **25.9**
TOTAL: **69.1**

Plan documents

Plan ref/date: **18-1754**
Prepared by: **Cadence Co**



Ceiling penetrations

(see following pages for details)

Sealed: **87**
Unsealed: **0**
TOTAL:** **87**

NOTE: This total is the maximum number of ceiling penetrations allowed to a ceiling (under a roof) for this certificate. **If this number is exceeded in construction then this certificate IS NOT VALID and a new certificate is required. Loss of ceiling insulation for the penetrations listed has been taken into account with the rating.

Principle downlight type: **LED**

Window selection - default windows only

Note on allowable window values:
Only a 5% tolerance to the nominated SHGC window values shown on page 2 can be used with this rating.

Note: Only a +/- 5% SHGC tolerance is allowed with this rating.

NB: This tolerance ONLY applies to SHGC, the U-value can always be lower but not higher than the values stated on page 2.

If any of windows selected are outside the 5% tolerance then this certificate is no longer valid and the dwelling will need to be rerated to confirm compliance.

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



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Building features

Window type and performance value

Window ID	Window type	U-value	SHGC
ALM-004-02 A	ALM-004-02 A Aluminium B DG Air Fill Tint-Clear	5.2	0.39

Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
Garage 1	ALM-004-02 A	n/a	600	3000	N	No Shading
Garage 1	ALM-004-02 A	n/a	600	3000	S	No Shading
Study	ALM-004-02 A	n/a	2700	2650	E	No Shading
Kitchen/Living	ALM-004-02 A	n/a	2700	1000	N	No Shading
Kitchen/Living	ALM-004-02 A	n/a	2700	4190	W	Horizontal Louvres, Horizontal Blades
Kitchen/Living	ALM-004-02 A	n/a	2700	4190	W	No Shading
Kitchen/Living	ALM-004-02 A	n/a	2700	1790	N	No Shading
Living	ALM-004-02 A	n/a	3000	2330	N	No Shading
Living	ALM-004-02 A	n/a	2700	1800	N	No Shading
Living	ALM-004-02 A	n/a	2700	8300	E	Horizontal Louvres, Horizontal Blades
Laundry	ALM-004-02 A	n/a	1500	700	S	No Shading
Powder	ALM-004-02 A	n/a	2700	900	S	No Shading
Bathroom main	ALM-004-02 A	n/a	1950	900	N	No Shading
Bedroom 1	ALM-004-02 A	n/a	2700	4600	E	No Shading
Bedroom 1	ALM-004-02 A	n/a	2400	900	S	No Shading
Ens	ALM-004-02 A	n/a	2700	2670	E	No Shading
WIR 2	ALM-004-02 A	n/a	2700	1020	E	No Shading
Bedroom 2	ALM-004-02 A	n/a	1950	2000	N	No Shading
Bedroom 3	ALM-004-02 A	n/a	2700	3850	W	No Shading
Bedroom 3	ALM-004-02 A	n/a	1950	900	N	No Shading
Bedroom 4	ALM-004-02 A	n/a	1950	900	S	No Shading
Bathroom 2	ALM-004-02 A	n/a	1950	900	S	No Shading
Living	ALM-004-02 A	n/a	2700	4040	W	Vertical Louvres, Horizontal Blades
Living	ALM-004-02 A	n/a	2100	2770	N	No Shading

Roof window and skylight type and performance value

ID	Window type	U-value	SHGC
GEN-04-008a	Double-glazed clear, Timber and Aluminium Frame	0.0	0.00

Roof window and skylight schedule

Location	ID	Roof window/skylight no.	Area (m²)	Orientation	Outdoor shade	Indoor shade/diffuser
Living	GEN-04-008a	1	1.5	S	None	No
Living	GEN-04-008a	2	1.5	S	None	No

External wall type

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Building features continued

ID	Wall type	Insulation	Wall wrap or foil
EW-1	Tilt up Concrete	No insulation	No
EW-2	Tilt up Concrete	Bulk Insulation R2	No
EW-3	Tilt up concrete, lined	Bulk Insulation R2	No
EW-4	Fibro Cavity Panel Direct Fix	Bulk Insulation R2	No

External wall schedule

Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shade	Eaves (mm)
Garage 1	EW-1	6645	600	N	No	0
Garage 1	EW-1	6645	2000	N	No	200
Garage 1	EW-1	2800	1000	E	No	0
Garage 1	EW-1	2800	1600	E	No	200
Garage 1	EW-1	4600	1000	N	No	0
Garage 1	EW-1	4600	1600	N	No	200
Garage 1	EW-1	6708	2600	N	No	177
Garage 1	EW-1	10000	2600	E	No	1900
Garage 1	EW-1	7100	2600	S	No	125
Garage 1	EW-1	3745	1350	S	No	0
Garage 1	EW-1	3745	1250	S	No	150
storage	EW-1	4345	2600	W	No	200
storage	EW-1	7245	2600	N	No	200
Plant	EW-1	7245	2600	S	No	175
Plant	EW-1	7145	2600	W	No	200
Entrance	EW-2	2890	600	S	No	0
Entrance	EW-2	2890	2000	S	No	150
Bathroom baseme	EW-1	1990	500	S	No	0
Bathroom baseme	EW-1	1990	2100	S	No	175
Lift basement	EW-1	1790	700	S	No	0
Lift basement	EW-1	1790	1900	S	No	150
Study	EW-3	2845	3000	E	No	100
Study	EW-3	6045	3000	N	No	100
Kitchen/Living	EW-3	745	3000	E	No	10400
Kitchen/Living	EW-3	1200	3000	N	No	2200
Kitchen/Living	EW-3	1000	3000	E	No	9200
Kitchen/Living	EW-3	2790	3000	S	No	100
Kitchen/Living	EW-3	6145	3000	S	No	100
Kitchen/Living	EW-3	11600	3000	W	No	4500
Kitchen/Living	EW-3	6945	3000	N	No	100
Living	EW-3	2645	3000	N	No	3200
Living	EW-3	400	3000	W	No	17600
Living	EW-3	854	3000	NW	No	11376
Living	EW-3	781	3000	NW	No	2273
Living	EW-3	1237	3000	N	No	50
Living	EW-3	600	3000	W	No	900
Living	EW-3	1800	3000	N	No	0
Living	EW-3	300	3000	E	No	775
Living	EW-3	2138	3000	N	No	0
Living	EW-3	9600	3000	E	No	500

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Living	EW-3	5945	3000	S	No	100
Laundry	EW-3	3190	3000	S	No	100
Lift GF	EW-3	1790	3000	S	No	100
Powder	EW-3	2590	3000	S	No	100
Living	EW-3	1500	2700	W	No	0
Living	EW-3	2845	2700	S	No	0
Bathroom main	EW-4	2990	2700	N	No	0
Bedroom 1	EW-4	4695	2700	E	No	1100
Bedroom 1	EW-4	4895	2700	S	No	0
Ens	EW-3	3967	2700	N	No	50
Ens	EW-4	3195	2700	E	No	1100
WIR 1	EW-4	2890	2700	S	No	0
WIR 2	EW-4	3895	2700	N	No	0
WIR 2	EW-4	1395	2700	E	No	3525
Bedroom 2	EW-4	4690	2700	N	No	0
Bedroom 3	EW-4	4295	2700	W	No	2100
Bedroom 3	EW-4	4595	2700	N	No	0
Bedroom 4	EW-4	4790	2700	S	No	0
Bathroom 2	EW-4	2690	2700	S	No	0
Living	EW-4	4995	2700	S	No	0
Living	EW-4	4300	2700	W	No	1500
Living	EW-4	4995	2700	N	No	700
1st floor lift	EW-3	1500	2700	E	No	0
1st floor lift	EW-3	1845	2700	S	No	0

Internal wall type

Wall type	Area (m ²)	Insulation	Wall wrap or foil
IW-1 - Tilt Concrete	187.0	No insulation	No
IW-2 - Tilt Concrete	73.0	Bulk Insulation, No Air Gap R1.5	No
IW-3 - Cavity wall, direct fix plasterboard, single gap	174.0	No insulation	No

Floors

Location	Construction	Area (m ²)	Sub floor ventilation	Added insulation	Covering
Garage 1	Concrete Slab on Ground 150mm	143.6	None	Bulk Insulation in Contact with Floor R1.5	Bare
storage	Concrete Slab on Ground 150mm	31.5	None	Bulk Insulation in Contact with Floor R1.5	Bare
Plant	Concrete Slab on Ground 150mm	51.8	None	Bulk Insulation in Contact with Floor R1.5	Bare
Entrance	Concrete Slab on Ground 100mm	22.3	None	Bulk Insulation in Contact with	Cork Tiles or Parquetry 8mm

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Bathroom baseme	Concrete Slab on Ground 150mm	7.8	None	Floor R1.5 Bulk Insulation in Contact with Floor R1.5	Ceramic Tiles 8mm
Lift basement	Concrete Slab on Ground 150mm	3.5	None	Bulk Insulation in Contact with Floor R1.5	Bare
Study/Garage 1	Concrete Above Plasterboard 100mm	13.0		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Kitchen/Living /Garage 1	Concrete Above Plasterboard 100mm	23.4		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Kitchen/Living /storage	Concrete Above Plasterboard 100mm	29.2		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Kitchen/Living /Plant	Concrete Above Plasterboard 100mm	47.9		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Kitchen/Living /Entrance	Concrete Above Plasterboard 100mm	21.6		No Insulation	Cork Tiles or Parquetry 8mm
Kitchen/Living /Bathroom baseme	Concrete Above Plasterboard 100mm	2.1		Bulk Insulation R2	Cork Tiles or Parquetry 8mm
Living/Garage 1	Concrete Above Plasterboard 150mm	61.8		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Living	Suspended Concrete Slab 150mm	1.0	Totally Open	Bulk Insulation in Contact with Floor R2.5	Cork Tiles or Parquetry 8mm
Laundry/Plant	Concrete Above Plasterboard 100mm	3.8		Bulk Insulation R2.5	Ceramic Tiles 8mm
Laundry/Entrance	Concrete Above Plasterboard 100mm	1.6		No Insulation	Ceramic Tiles 8mm
Laundry/Bathroom baseme	Concrete Above Plasterboard 100mm	5.9		Bulk Insulation R2	Ceramic Tiles 8mm
Cloak/Garage 1	Concrete Above Plasterboard 100mm	4.1		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Pantry/Garage 1	Concrete Above Plasterboard 100mm	3.5		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Pantry/storage	Concrete Above Plasterboard 100mm	1.9		Bulk Insulation R2.5	Cork Tiles or Parquetry 8mm
Lift GF/Lift basement	Concrete Above Plasterboard 100mm	3.5		Bulk Insulation R2	Cork Tiles or Parquetry 8mm
Powder/Garage 1	Concrete Above Plasterboard 100mm	5.0		Bulk Insulation R2.5	Ceramic Tiles 8mm
Living/Kitchen/Living	Timber Above Plasterboard 19mm	32.6		No Insulation	Cork Tiles or Parquetry 8mm
Bathroom main/Kitchen/Living	Timber Above Plasterboard 19mm	7.3		No Insulation	Ceramic Tiles 8mm
Bathroom main/Pantry	Timber Above Plasterboard 19mm	4.9		No Insulation	Ceramic Tiles 8mm
Bedroom 1/Living	Timber Above Plasterboard 19mm	27.8		No Insulation	Carpet 10mm
Ens/Living	Timber Above Plasterboard 19mm	13.3		No Insulation	Ceramic Tiles 8mm
Ens	Suspended Timber Floor 19mm	1.4	Totally Open	Bulk Insulation in Contact with Floor R2.5	Ceramic Tiles 8mm
WIR 1/Living	Timber Above Plasterboard 19mm	2.1		No Insulation	Carpet 10mm
WIR 1/Cloak	Timber Above Plasterboard 19mm	4.4		No Insulation	Carpet 10mm

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WIR 1/Powder	Timber Above Plasterboard 19mm	1.3		No Insulation	Carpet 10mm
WIR 2/Living	Timber Above Plasterboard 19mm	1.5		No Insulation	Carpet 10mm
WIR 2	Suspended Timber Floor 19mm	9.2	Totally Open	Bulk Insulation in Contact with Floor R2.5	Carpet 10mm
Bedroom 2/Study	Timber Above Plasterboard 19mm	4.8		No Insulation	Carpet 10mm
Bedroom 2/Kitchen/Living	Timber Above Plasterboard 19mm	12.3		No Insulation	Carpet 10mm
Bedroom 2	Suspended Timber Floor 19mm	2.6	Totally Open	Bulk Insulation in Contact with Floor R2.5	Carpet 10mm
Bedroom 3/Kitchen/Living	Timber Above Plasterboard 19mm	18.9		No Insulation	Carpet 10mm
Bedroom 3/Pantry	Timber Above Plasterboard 19mm	0.5		No Insulation	Carpet 10mm
Bedroom 4/Kitchen/Living	Timber Above Plasterboard 19mm	6.9		No Insulation	Carpet 10mm
Bedroom 4/Laundry	Timber Above Plasterboard 19mm	6.7		No Insulation	Carpet 10mm
Bathroom 2/Kitchen/Living	Timber Above Plasterboard 19mm	7.7		No Insulation	Ceramic Tiles 8mm
Living/Kitchen/Living	Timber Above Plasterboard 19mm	8.5		No Insulation	Cork Tiles or Parquetry 8mm
Living	Suspended Timber Floor 19mm	12.8	Totally Open	Bulk Insulation in Contact with Floor R2.5	Cork Tiles or Parquetry 8mm
1st floor lift/Lift GF	Timber Above Plasterboard 19mm	3.6		No Insulation	Carpet 10mm

Ceiling type

Location	Construction	Added insulation	Roof space above
Garage 1	Plasterboard	No insulation	Yes
Garage 1	Concrete Above Plasterboard	Bulk Insulation R2.5	No
storage	Concrete Above Plasterboard	Bulk Insulation R2.5	No
Plant	Concrete Above Plasterboard	Bulk Insulation R2.5	No
Entrance	Concrete Above Plasterboard	No Insulation	No
Bathroom baseme	Concrete Above Plasterboard	Bulk Insulation R2	No
Lift basement	Concrete Above Plasterboard	Bulk Insulation R2	No
Study	Plasterboard	Bulk Insulation R3	No
Study	Timber Above Plasterboard	No Insulation	No
Kitchen/Living	Plasterboard	Bulk Insulation R3	No
Kitchen/Living	Timber Above Plasterboard	No Insulation	No

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Living	Plasterboard	Bulk Insulation R3	No
Living	Timber Above Plasterboard	No Insulation	No
Laundry	Plasterboard	Bulk Insulation R3	No
Laundry	Timber Above Plasterboard	No Insulation	No
Cloak	Plasterboard	Bulk Insulation R3	No
Cloak	Timber Above Plasterboard	No Insulation	No
Pantry	Plasterboard	Bulk Insulation R3	No
Pantry	Timber Above Plasterboard	No Insulation	No
Lift GF	Plasterboard	Bulk Insulation R3	No
Lift GF	Timber Above Plasterboard	No Insulation	No
Powder	Plasterboard	Bulk Insulation R3	No
Powder	Timber Above Plasterboard	No Insulation	No
Living	Plasterboard	Bulk Insulation R3	No
Bathroom main	Plasterboard	Bulk Insulation R3	No
Bedroom 1	Plasterboard	Bulk Insulation R3	No
Ens	Plasterboard	Bulk Insulation R3	No
WIR 1	Plasterboard	Bulk Insulation R3	No
WIR 2	Plasterboard	Bulk Insulation R3	No
Bedroom 2	Plasterboard	Bulk Insulation R3	No
Bedroom 3	Plasterboard	Bulk Insulation R3	No
Bedroom 4	Plasterboard	Bulk Insulation R3	No
Bathroom 2	Plasterboard	Bulk Insulation R3	No
Living	Plasterboard	Bulk Insulation R3	No
1st floor lift	Plasterboard	Bulk Insulation R3	No

Ceiling penetrations

Location	Number	Type	Diameter (mm)	Sealed/unsealed
Entrance	3	Downlights - LED	150	Sealed
Bathroom baseme	2	Downlights - LED	150	Sealed
Bathroom baseme	1	Exhaust Fans	300	Sealed
Kitchen/Living	20	Downlights - LED	150	Sealed
Kitchen/Living	1	Exhaust Fans	300	Sealed

* Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments.
For more details see www.nathers.gov.au

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Living	10	Downlights - LED	150	Sealed
Laundry	4	Downlights - LED	150	Sealed
Laundry	1	Exhaust Fans	300	Sealed
Cloak	1	Downlights - LED	150	Sealed
Pantry	1	Downlights - LED	150	Sealed
Powder	1	Downlights - LED	150	Sealed
Powder	1	Exhaust Fans	300	Sealed
Living	2	Downlights - LED	150	Sealed
Bathroom main	4	Downlights - LED	150	Sealed
Bathroom main	1	Exhaust Fans	300	Sealed
Bedroom 1	5	Downlights - LED	150	Sealed
Ens	4	Downlights - LED	150	Sealed
Ens	1	Exhaust Fans	300	Sealed
WIR 1	1	Downlights - LED	150	Sealed
WIR 2	2	Downlights - LED	150	Sealed
Bedroom 2	4	Downlights - LED	150	Sealed
Bedroom 3	5	Downlights - LED	150	Sealed
Bedroom 4	4	Downlights - LED	150	Sealed
Bathroom 2	3	Downlights - LED	150	Sealed
Bathroom 2	1	Exhaust Fans	300	Sealed
Living	4	Downlights - LED	150	Sealed

Ceiling fans

Location	Number	Diameter (mm)
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None Present

Roof type

Construction	Added insulation	Roof colour
Corrugated Iron	No Insulation, Only an Air Gap	Dark
Corrugated Iron	No Insulation, Only an Air Gap	Dark
Corrugated Iron	Bulk, Reflective Side Down, No Air Gap Above R1.3	Dark

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Additional information

Explanatory notes

About this report

Residential energy ratings address the quality of the building fabric i.e. walls, windows, floors and roof/ceilings. Ratings do not cover the energy or water efficiency of appliances including heating and cooling, hot water, dishwashers, ovens, fridges, TVs etc. or solar panel or water tank requirements. The efficiency or specification of these items is generally covered by other regulations, standards or guidelines.

General Information

A NatHERS House Energy Rating is a comprehensive, dynamic computer modelling evaluation of the floorplans, elevations and specifications to predict an energy load of a home. Not all of us use our homes in the same way, so ratings are generated using standard assumptions. This means homes can be compared across the country.

The actual energy consumption of your home may vary significantly from the predicted energy load figures in the report depending on issues such as the size of your household and your personal preferences, e.g. in terms of heating or cooling.

While the figures are an indicative guide to energy use, they can be used as a reliable guide for comparative purposes between different house designs and for demonstrating that the design meets the required regulatory compliance.

Homes that are energy efficient use less energy, are warmer in winter, cooler in summer and cost less to run. The higher the star rating the more energy efficient.

This NatHERS House Energy Rating report was carefully prepared by your assessor on the basis of comprehensive modelling using standard procedures to rate your home using the underlying engine developed by the Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO).

All information relating to energy loads presented in this report is based on a range of standard assumptions in order to allow for comparisons with reports prepared for other homes and to demonstrate minimum regulatory compliance.

The standard assumptions include figures for occupancy, indoor air temperature and are based on a unique climate file for your region.

Accredited Assessors

To ensure you get a high-quality, professional NatHERS House Energy Rating report, you should always use an accredited assessor, accredited assessors are members of a professional body called an Assessor Accrediting Organisation (AAO).

AAOs have specific quality assurance processes in place and continuing professional development requirements to maintain a high and consistent standard of assessments across the country. Non-accredited assessors do not have this level of quality assurance or any on-going training requirements.

If you have any questions or concerns about this report, please direct them to your assessor in the first instance.

If your assessor is unable to address your questions or concerns, please contact their AAO listed under 'assessor details'. You can also find a range of information about accredited assessors on the AAO websites.

Disclaimer

The energy values quoted are for comparison purposes only; they are not a prediction of actual energy use. This rating only applies to the floor plan, construction details, orientation and climate as submitted and included in the attached drawing set that bears a stamp with the same number as this certificate. Changes to any of these details could affect the rating.

Contact

For more information on the Nationwide House Energy Rating Scheme (NatHERS), visit www.nathers.gov.au

For more information on energy efficient design and insulation visit www.yourhome.gov.au