Certificate number: 0002774974 Certificate Date: 23 May 2018 ★ Star rating: 4.9



Assessor details

Accreditation

20945 number:

Name: **Dimitrios Harakidas**

Organisation: AENEC

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Declaration No potential conflicts of interest to

of interest: declare

AccuRate Sustainability V2.3.3.13 SP3 Software:

ABSA AAO:



the more energy efficient NATIONWIDE Predicted annual energy load for heating and cooling based on standard occupancy assumptions MJ/m² For more information on your dwelling's rating see: www.nathers.gov.au

Overview

Lot/DP

Dwelling details

Street: 30 Lyly Road Suburb: Allambie Heights

2100 State: **NSW** Postcode: NCC Class: 1a New Type:

NatHERS

climate zone: 56

number: 15/241344 Exposure: Open

Key construction and insulation materials

(see following pages for details)

Construction: Fibre-cement

Metal roof/Plasterboard Steel/Fibre-cement sheet

Insulation: R4.0 wall insulation

> Ceiling (uninsulated) R2.5 floor insulation

Composite B DG Argon Fill Low Solar Glazing:

Gain low-E

Net floor area (m²)

Conditioned: 240.0 Unconditioned: 19.0

Garage:

259.0 TOTAL:

Annual thermal performance loads (MJ/m²)

Heating: 42.0 Cooling: 25.0 TOTAL: 67.0

Plan documents

1729/17.04.18 Plan ref/date:

Prepared by: **Desu Designer Homes**

Ceiling penetrations

(see following pages for details)

Sealed: 55 Unsealed: 0 TOTAL:** 55

**NOTE: This total is the maximum number of ceiling penetrations allowed to a ceiling (under a roof) for this certificate. If this number is exceded 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: Light-emitting diode (LED)

Window selection default windows only

Note on allowable window values: With a 10% tolerance to the nominated SHGC window values shown on page 2, the following ratings are achieved:

-10% SHGC 4.9

+10% SHGC 4.9

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 the rating listed above falls below 6.0 stars or the required rating, then the window with this tolerance can NOT be selected.

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



Certificate number: 0002774974 Certificate Date: 23 May 2018

★ Star rating:



Building features

	Window t	ype and	performance	value
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Window ID	Window type	U-value	SHGC
CMP-006-04 I	DEFAULTS: Composite B DG Argon Fill Low Solar Gain low-E - Clear: U = 2.23: SHGC = 0.39	2.2	0.39
CMP-005-04 I	DEFAULTS: Composite A DG Argon Fill Low Solar Gain low-E - Clear: U = 2.20: SHGC = 0.32	2.2	0.32

Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
ENTRY-L1	CMP-006-04 I	L1/D01w	1200	660	Е	None
ENTRY/OFFICE -L2	CMP-006-04 I	L2/D02	2400	2700	Е	None
STUDY-L2	CMP-006-04 I	L2/W01f	1500	1720	Е	None
STUDY-L2	CMP-005-04 I	L2/W01I	1500	980	E	None
WC-L2	CMP-005-04 I	L2/W02	600	1100	N	Outdoor venetians
STAIRS/RETRE AT-L3	CMP-006-04 I	L3/W01	2400	1200	Е	None
STAIRS/RETRE AT-L3	CMP-006-04 I	L3/W02	2400	2300	Е	None
BED2-L3	CMP-006-04 I	L3/W03f	1500	2185	E	None
BED2-L3	CMP-005-04 I	L3/W03I	1500	980	Е	Outdoor venetians
BED2-L3	CMP-006-04 I	L3/W04	1500	1100	N	Outdoor venetians
BED3-L3	CMP-006-04 I	L3/W11	1500	1100	S	Outdoor venetians
BED3-L3	CMP-006-04 I	L3/W12f	1500	2705	Е	None
BED3-L3	CMP-005-04 I	L3/W12I	1500	980	Е	None
BED4-L3	CMP-005-04 I	L3/W09	600	2700	S	None
BATH-L3	CMP-005-04 I	L3/W05	600	1100	N	Outdoor venetians
BATH-L3	CMP-005-04 I	L3/W06	600	1100	N	Outdoor venetians
WC-L3	CMP-005-04 I	L3/W10	600	900	S	None
L'DRY-L3	CMP-005-04 I	L3/W07	600	1100	W	None
KLD-L4	CMP-006-04 I	L4/D01	3190	1390	Е	None
KLD-L4	CMP-005-04 I	L4/D02	2400	1700	N	None
KLD-L4	CMP-006-04 I	L4/D03	2400	3500	Е	None
KLD-L4	CMP-006-04 I	L4/W03f	1500	1320	N	None
KLD-L4	CMP-006-04 I	L4/W04f	1500	1320	N	None
KLD-L4	CMP-005-04 I	L4/W04I	1500	680	N	None
KLD-L4	CMP-005-04 I	L4/W03I	1500	680	N	None
KLD-L4	CMP-006-04 I	L4/D04	2400	2700	W	None
KLD-L4	CMP-006-04 I	L4/W05	1500	1500	W	None
BED1-L4	CMP-005-04 I	L4/W11	600	2800	S	None
BED1-L4	CMP-006-04 I	L4/D05	2400	2700	Е	None
WIR1-L4	CMP-005-04 I	L4/W10	1500	600	S	None
ENS1-L4	CMP-006-04 I	L4/W07	600	2100	W	None
ENS1-L4	CMP-006-04 I	L4/W08	1500	1100	S	Outdoor venetians
ENS1-L4	CMP-005-04 I	L4/W09	1500	500	Е	None

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Building features continued							
ENSW1-L4	CMP-005-04 I	L4/W05	600	900	W	None	
STAIRS-L4	CMP-006-04 I	L4/W01	3190	1200	Е	None	
LIFT-L4	CMP-006-04 I	L4/W02	3190	1310	Е	None	

ID	Window type				U-value	SHGC
None Present						
Roof window	and skylight sch	edule				
Location	ID	Roof	A (0)	0	Outdoor shade	

External wall ty	pe						
ID	Wall type		Insulation		Wa	ıll wrap or foil	
EW-001	Concrete wall		Polystyrene e	Polystyrene extruded: R4.0		No	
EW-002	Fibre-cement		Polystyrene e	xtruded: R4.0	No)	
External wall so	chedule						
Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shade	Eaves (mm)	
ENTRY-L1	EW-001	4500	4300	S	Yes	1200	
ENTRY-L1	EW-001	1800	4300	Е	No		
ENTRY-L1	EW-001	1060	4300	N	No		
ENTRY-L1	EW-001	200	4300	Е	No		
ENTRY-L1	EW-001	5040	4300	N	No		
ENTRY-L1	EW-001	1590	4300	W	Yes	300	
LIFT-L1	EW-001	1600	4300	S	Yes	300	
LIFT-L1	EW-001	700	4300	E	Yes	4700	
LIFT-L1	EW-001	1310	4300	W	Yes	300	
STORE-L2	EW-002	1160	3150	N	No		
ENTRY/OFFICE-	L2 EW-001	2235	3150	W	Yes	1895	
ENTRY/OFFICE-	L2 EW-001	6400	3150	S	No		
ENTRY/OFFICE-	L2 EW-002	5500	3150	Е	Yes	1675	
STAIRS-L2	EW-002	1270	3150	S	Yes	2510	
STAIRS-L2	EW-002	2300	3150	Е	No		
STAIRS-L2	EW-002	1270	3150	N	No		
STUDY-L2	EW-002	3740	3150	Е	No		
STUDY-L2	EW-002	3845	3150	N	No		
WC-L2	EW-002	1195	3150	N	No		
WC-L2	EW-001	2795	3150	W	Yes	1895	
LIFT-L2	EW-001	1110	3150	W	Yes	1895	
STAIRS/RETREA -L3	T EW-002	1150	2650	W	Yes	5700	
STAIRS/RETREA -L3	T EW-002	1500	2650	Е	No		

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Building features	s continued					
STAIRS/RETREAT -L3	EW-002	1270	2650	S	No	
STAIRS/RETREAT -L3	EW-002	2300	2650	Е	No	
STAIRS/RETREAT -L3	EW-002	2530	2650	N	No	
BED2-L3	EW-002	3740	2650	Е	No	
BED2-L3	EW-002	3740	2650	N	No	
BED3-L3	EW-002	3000	2650	S	No	
BED3-L3	EW-002	4000	2650	Е	No	
BED4-L3	EW-002	3700	2650	W	Yes	5700
BED4-L3	EW-002	3300	2650	S	No	
BATH-L3	EW-002	3295	2650	N	No	
BATH-L3	EW-002	2400	2650	W	Yes	8605
STORE-L3	EW-002	1650	2650	W	Yes	5700
WC-L3	EW-002	1300	2650	S	No	
L'DRY-L3	EW-002	1240	2650	W	Yes	8605
L'DRY-L3	EW-002	495	2650	S	Yes	8100
KLD-L4	EW-002	1390	3200	E	Yes	350
KLD-L4	EW-002	1900	3165	N	Yes	4340
KLD-L4	EW-002	3740	3091	Е	Yes	2350
KLD-L4	EW-002	7300	2867	N	Yes	500
KLD-L4	EW-002	7090	2650	W	Yes	2000
BED1-L4	EW-002	500	3004	W	Yes	2200
BED1-L4	EW-002	4300	3070	S	Yes	500
BED1-L4	EW-002	3700	3200	Е	Yes	350
WIR1-L4	EW-002	2200	2876	S	Yes	1100
ENS1-L4	EW-002	3440	2650	W	Yes	500
ENS1-L4	EW-002	2100	2746	S	Yes	500
ENS1-L4	EW-002	500	2806	E	Yes	2200
ENSW1-L4	EW-002	1110	2650	W	Yes	2000
ENSW1-L4	EW-002	400	2650	S	No	
STAIRS-L4	EW-002	1200	3200	Е	Yes	350
LIFT-L4	EW-002	1310	3200	Е	Yes	350

Internal wall type						
ID	Wall type	Area (m²)	Insulation	Wall wrap or foil		
IW-001	Concrete: standard (2400 kg/m³)	45.6		No		
IW-002	Plasterboard	204.6		No		
IW-002	Plasterboard	204.6		No		

Floors					
Location	Construction	Area (m²)	Sub floor ventilation	Added insulation	Covering
ENTRY-L1/Grou	nd Concrete Slab 100 mm: ceramic tiles/bare	12.3			Ceramic tile

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Building features continued

Building features	s continued			
LIFT-L1/Ground	Concrete Slab 100 mm: ceramic tiles/bare	2.1		Ceramic tile
STORE- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare	1.9		Ceramic tile
STORE- L2/Neighbour	Concrete Slab 100 mm: ceramic tiles/bare	0.2		Ceramic tile
ENTRY/OFFICE- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare	7.9		Ceramic tile
ENTRY/OFFICE- L2/Outdoor Air	Concrete Slab 100 mm: ceramic tiles/bare R2.5	6.7	R2.5	Ceramic tile
ENTRY/OFFICE- L2/Ground	Concrete Slab 100 mm: ceramic tiles/bare	29.4		Ceramic tile
ENTRY/OFFICE- L2/Neighbour	Concrete Slab 100 mm: ceramic tiles/bare	0.9		Ceramic tile
STAIRS- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare	1.1		Ceramic tile
STAIRS-L2/Outdoor Air	Concrete Slab 100 mm: ceramic tiles/bare R2.5	3.3	R2.5	Ceramic tile
STAIRS- L2/Neighbour	Concrete Slab 100 mm: ceramic tiles/bare	0.5		Ceramic tile
STUDY-L2/Ground	Concrete Slab 100 mm: carpet/bare	11.5		Carpet 10 + felt underlay 10
STUDY-L2/Outdoor Air	Concrete Slab 100 mm: carpet/bare R2.5	1.0	R2.5	Carpet 10 + felt underlay 10
STUDY- L2/ENTRY-L1	Concrete Slab 100 mm: carpet/bare	0.6		Carpet 10 + felt underlay 10
STUDY- L2/Neighbour	Concrete Slab 100 mm: carpet/bare	0.7		Carpet 10 + felt underlay 10
WC-L2/Outdoor Air	Concrete Slab 100 mm: ceramic tiles/bare R2.5	3.3	R2.5	Ceramic tile
LIFT-L2/LIFT-L1	Concrete Slab 100 mm: ceramic tiles/bare	1.8		Ceramic tile
STAIRS/RETREAT -L3/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5	1.4	R2.5	Ceramic tile
STAIRS/RETREAT -L3/STORE-L2	Steel: ceramic tiles/air gap/plasterboard	2.1		Ceramic tile
STAIRS/RETREAT -L3/ENTRY/OFFIC E-L2	Steel: ceramic tiles/air gap/plasterboard	21.4		Ceramic tile
STAIRS/RETREAT -L3/STAIRS-L2	Steel: ceramic tiles/air gap/plasterboard	4.9		Ceramic tile
STAIRS/RETREAT -L3/STUDY-L2	Steel: ceramic tiles/air gap/plasterboard	0.2		Ceramic tile
STAIRS/RETREAT -L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	0.3		Ceramic tile
STAIRS/RETREAT -L3/Neighbour	Steel: ceramic tiles/air gap/plasterboard	2.9		Ceramic tile
BED2-L3/STUDY- L2	Steel: carpet/air gap/plasterboard	13.2		Carpet 10 + felt underlay 10
BED3- L3/ENTRY/OFFIC E-L2	Steel: carpet/air gap/plasterboard	11.7		Carpet 10 + felt underlay 10
BED3-L3/Neighbour	Steel: carpet/air gap/plasterboard	0.3		Carpet 10 + felt underlay 10
BED4-L3/Outdoor Air	Steel: carpet/air gap/FC R2.5	4.4	R2.5	Carpet 10 + felt underlay 10

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				ENERGY RATING
Building feature	s continued			
BED4- L3/ENTRY/OFFIC E-L2	Steel: carpet/air gap/plasterboard	6.8		Carpet 10 + fel underlay 10
BED4-L3/Neighbou	r Steel: carpet/air gap/plasterboard	0.9		Carpet 10 + fel
BATH-L3/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5	4.3	R2.5	Ceramic tile
BATH-L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	2.9		Ceramic tile
BATH- _3/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.7		Ceramic tile
STORE-L3/Outdoo Air	r Steel: ceramic tiles/air gap/FC R2.5	2.0	R2.5	Ceramic tile
VC- .3/ENTRY/OFFIC E-L2	Steel: ceramic tiles/air gap/plasterboard	3.0		Ceramic tile
VC-L3/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.1		Ceramic tile
L'DRY-L3/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5	2.2	R2.5	Ceramic tile
DRY- 3/ENTRY/OFFIC -L2	Steel: ceramic tiles/air gap/plasterboard	0.2		Ceramic tile
DRY-L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	0.1		Ceramic tile
.'DRY- .3/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.3		Ceramic tile
IFT-L3/LIFT-L2	Steel: ceramic tiles/air gap/plasterboard	1.8		Ceramic tile
IFT-L3/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.3		Ceramic tile
(LD- .4/STAIRS/RETR EAT-L3	Steel: ceramic tiles/air gap/plasterboard	3.8		Ceramic tile
(LD-L4/BATH-L3	Steel: ceramic tiles/air gap/plasterboard	4.1		Ceramic tile
(LD-L4/STORE-L3	Steel: ceramic tiles/air gap/plasterboard	0.2		Ceramic tile
(LD-L4/L'DRY-L3	Steel: ceramic tiles/air gap/plasterboard	2.1		Ceramic tile
KLD-L4/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5	41.0	R2.5	Ceramic tile
(LD-L4/Neighbour	Steel: ceramic tiles/air gap/FC R2.5	1.2	R2.5	Ceramic tile
BED1-L4/BED4-L3	gap/plasterboard	11.5	_	Carpet 10 + fel underlay 10
BED1-L4/Outdoor	Steel: carpet/air gap/FC R2.5	6.9	R2.5	Carpet 10 + fel underlay 10
	r Steel: carpet/air gap/FC R2.5	0.4	R2.5	Carpet 10 + fel underlay 10
WIR1-L4/Outdoor	Steel: carpet/air gap/FC R2.5	6.2	R2.5	Carpet 10 + fel underlay 10
ENS1-L4/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5	7.3	R2.5	Ceramic tile
ENS1-L4/Outdoor Air	Steel: carpet/air gap/FC R2.5	2.0	R2.5	Carpet 10 + fel underlay 10
		1.6	D2 5	L'aramia tila

1.6

Ceramic tile

R2.5

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Building features continued

ENSW1-L4/Outdoor Air	Steel: ceramic tiles/air gap/FC R2.5		
STAIRS- L4/STAIRS/RETR EAT-L3	Steel: ceramic tiles/air gap/plasterboard	3.7	Ceramic tile
STAIRS- L4/STORE-L3	Steel: ceramic tiles/air gap/plasterboard	1.7	Ceramic tile
STAIRS- L4/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.1	Ceramic tile
LIFT-L4/LIFT-L3	Steel: ceramic tiles/air gap/plasterboard	2.1	Ceramic tile
LIFT-L4/Neighbour	Steel: ceramic tiles/air gap/plasterboard	0.1	Ceramic tile

Ceiling type Location	Construction	Added	Roof space
		insulation	above
STORE- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare		No
ENTRY/OFFICE- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare		No
STAIRS- L2/ENTRY-L1	Concrete Slab 100 mm: ceramic tiles/bare		No
STUDY- L2/ENTRY-L1	Concrete Slab 100 mm: carpet/bare		No
Neighbour/ENTRY- L1	Concrete Slab 100 mm: carpet/bare		No
LIFT-L2/LIFT-L1	Concrete Slab 100 mm: ceramic tiles/bare		No
Neighbour/LIFT-L1	Concrete Slab 100 mm: ceramic tiles/bare		No
STAIRS/RETREAT -L3/STORE-L2	Steel: ceramic tiles/air gap/plasterboard		No
STAIRS/RETREAT -L3/ENTRY/OFFIC E-L2	Steel: ceramic tiles/air gap/plasterboard		No
BED3- L3/ENTRY/OFFIC E-L2	Steel: carpet/air gap/plasterboard		No
BED4- L3/ENTRY/OFFIC E-L2	Steel: carpet/air gap/plasterboard		No
WC- L3/ENTRY/OFFIC E-L2	Steel: ceramic tiles/air gap/plasterboard		No
L'DRY- L3/ENTRY/OFFIC E-L2	Steel: ceramic tiles/air gap/plasterboard		No
Neighbour/ENTRY/ OFFICE-L2	Steel: ceramic tiles/air gap/plasterboard		No
STAIRS/RETREAT -L3/STAIRS-L2	Steel: ceramic tiles/air gap/plasterboard		No
STAIRS/RETREAT -L3/STUDY-L2	Steel: ceramic tiles/air gap/plasterboard		No
BED2-L3/STUDY- L2	Steel: carpet/air gap/plasterboard		No

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Building features continued

Building reature.	o dominaca	
Neighbour/STUDY- L2	Steel: carpet/air gap/plasterboard	No
STAIRS/RETREAT -L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	No
BATH-L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	No
L'DRY-L3/WC-L2	Steel: ceramic tiles/air gap/plasterboard	No
Neighbour/WC-L2	Steel: ceramic tiles/air gap/plasterboard	No
LIFT-L3/LIFT-L2	Steel: ceramic tiles/air gap/plasterboard	No
KLD- L4/STAIRS/RETR EAT-L3	Steel: ceramic tiles/air gap/plasterboard	No
STAIRS- L4/STAIRS/RETR EAT-L3	Steel: ceramic tiles/air gap/plasterboard	No
Neighbour/STAIRS /RETREAT-L3	Steel: ceramic tiles/air gap/plasterboard	No
BED1-L4/BED4-L3	Steel: carpet/air gap/plasterboard	No
Neighbour/BED4-L3	Steel: carpet/air gap/plasterboard	No
KLD-L4/BATH-L3	Steel: ceramic tiles/air gap/plasterboard	No
Neighbour/BATH- L3	Steel: ceramic tiles/air gap/plasterboard	No
KLD-L4/STORE-L3	Steel: ceramic tiles/air gap/plasterboard	No
STAIRS- L4/STORE-L3	Steel: ceramic tiles/air gap/plasterboard	No
Neighbour/STORE -L3	Steel: ceramic tiles/air gap/plasterboard	No
KLD-L4/L'DRY-L3	Steel: ceramic tiles/air gap/plasterboard	No
Neighbour/L'DRY- L3	Steel: ceramic tiles/air gap/plasterboard	No
LIFT-L4/LIFT-L3	Steel: ceramic tiles/air gap/plasterboard	No

Ceiling penetrations

Location	Number	Туре	Diameter (mm) Sealed/unsealed
ENTRY-L1	6	Downlight	Sealed
LIFT-L1	1	Downlight	Sealed
STORE-L2	1	Downlight	Sealed
ENTRY/OFFICE -L2	22	Downlight	Sealed
STAIRS-L2	1	Downlight	Sealed
STUDY-L2	6	Downlight	Sealed
WC-L2	1	Downlight	Sealed
STAIRS/RETRE AT-L3	16	Downlight	Sealed
BED2-L3	6	Downlight	Sealed
BED3-L3	3	Downlight	Sealed
BED4-L3	4	Downlight	Sealed
BATH-L3	3	Downlight	Sealed
WC-L3	1	Downlight	Sealed
L'DRY-L3	1	Downlight	Sealed
LIFT-L3	1	Downlight	Sealed

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Building features continued

KLD-L4	17	Downlight	Sealed
BED1-L4	6	Downlight	Sealed
WIR1-L4	2	Downlight	Sealed
ENS1-L4	4	Downlight	Sealed
STAIRS-L4	2	Downlight	Sealed
LIFT-L4	1	Downlight	Sealed

Ceiling fans

Location	Number	Diameter (mm)	
None Present			

Roof type		
Construction	Added insulation	Roof co

Construction	Added insulation	Roof colour
Terrace above R5.0	R5.0	Light
Metal roof system R5.0	R5.0	Light



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

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