

NatHERS Certification Summary

Project:	Address: 41 Marine Parade, Avalon, NSW 2107	LGA: Pittwater
	Applicant: NA	
Client:	Name: T. Ozaki	Company: Casey Brown Architecture
	Address: Level 1, 63 William St., East Sydney. 2010	
	Contact: 93607977	Email: toshio@caseybrown.com.au
Assessor:	Name: Victor Lin	Company: Victor Lin & Associates
	Address: PO 5080, Southe Turramurra. 2074	Number: BDAV/12/1454
	Contact: 0412-988088	Email: vlin007@hotmail.com

Ext. Walls:	Construction	Insulation		Colour	Details
	Cavity Bwk	R1.0		Med	As per plans
Int. Walls:	Construction	Insulation			Details
	Brickwork	None			As per plans
Floors:	Construction	Insulation			Details
	Concrete	None			Polished
Ext. Ceilings:	Construction	Insulation			Details
	Plasterboard/framed	R3.5			Under all roofs
Roof:	Construction	Insulation		Colour	Details
	Metal	Anticon 60mm (R1.2)		Dark	As per plans
Windows:	Product ID	Glass	Frame	Uw/SHGCw	Details
	Generic	D. Glazed	Timber	3.0/0.48	Tilt & turn, casement, awning windows & doors
				3.0/0.56	Double hung, sliding, fixed, louvre windows & doors.
Skylights:	Product ID	Glass	Frame	Uw/SHGCw	Details
	Generic	D.Glazed	Alumiinium	NA	As per drawings
Other:	Orientation	Terrain	Weatherseals	Exhaust Dampers	Recessed Downlights
	75	Suburban	Yes	Yes	YES

Overshadowing Details:	Trees
Assessment:	Drawings: Casey Brown DWGS A1.1 - A3.1 (May 2016) + downlight I
	File Ref: 3606V
	Software: BERS Pro 4.3
	Climate Zone: 56



Certificate no.: 0000304188-01
 Assessor Name: Victor Lin
 Accreditation no.: VIC/BDAV/12/1454
 Certificate date: 20 May 2016
 Dwelling Address: 41 Marine Parade, Avalon, NSW 2107
www.nathers.gov.au



Assessor Stamp

Certification Number: 0000304188-01	Date: 26-May-2016
--	--------------------------

Dwellings	Floor Area (m ²)		Predict Loads (MJ/m ² /pa) & HERS Rating			Requirements		
	Cond.	Uncond.	Heat	Cool	STARS			
House	294	68	48	28	4.4	Refer to details above for insulation and construction requirements.		

Disclaimer: By using this summary you are accepting all the terms of this disclaimer notice. While every effort is made to ensure that the content of this summary is accurate, the summary is provided "as is" and Victor Lin & Associates Pty Ltd, makes no representations or warranties in relation to the accuracy or completeness of the information found on it. In no event will Victor Lin & Associates Pty Ltd, be liable for any damages whatsoever for any differences between this summary and the NatHERS Univesal Certificates that relate to this project. You accept that it is your responsibility to check the Universal Certificates and comply with any differences that may exist on those certificates.

Nationwide House Energy Rating Scheme* Certificate



Certificate number: 0000304188-01

Certificate Date: 19 May 2016

★ Star rating: 4.4

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/12/1454

Name: Victor Lin

Organisation: Victor Lin & Associates Pty Ltd

Email: victor@linassociates.com.au

Phone: 0412988088

Declaration
of interest: None

Software: BERS Pro v4.3.0.1 (3.13)

AAO: BDAV

Overview

Dwelling details

Street: 41 Marine Parade

Suburb: Avalon

State: NSW

Postcode: 2107

Type: New Dwelling

NCC Class: 1A

NatHERS

climate zone: 56

Lot/DP

number: 553660

Exposure: Suburban

Key construction and insulation materials

(see following pages for details)

Construction: Cavity Brick

Corrugated Iron

Concrete Slab on Ground

Insulation:

R1.0 wall insulation

R3.5 ceiling insulation

No floor insulation

Glazing:

TIM-004-01 W Timber B DG Air Fill Clear-

Net floor area (m²)

Conditioned: 294

Unconditioned: 68

Garage: 67

TOTAL: 362

Annual thermal performance loads (MJ/m²)

Heating: 48

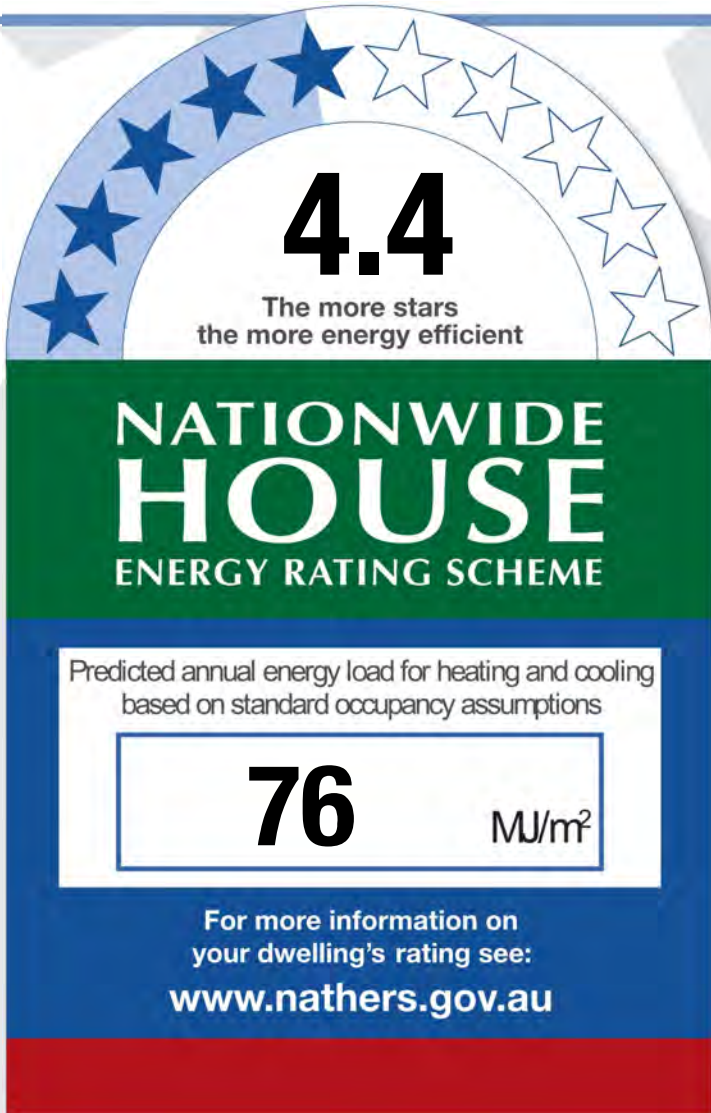
Cooling: 28

TOTAL: 76

Plan documents

Plan ref/date: 41 Marine Pde - Casey brown Arch

Prepared by: RB/TO



Ceiling penetrations

(see following pages for details)

Sealed: 0

Unsealed: 15

TOTAL:** 15

****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.



Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4



Building features

Window type and performance value

Window ID	Window type	U-value	SHGC
TIM-004-01 W	TIM-004-01 W Timber B DG Air Fill Clear-Clear	3.00	0.56
TIM-003-01 W	TIM-003-01 W Timber A DG Air Fill Clear-Clear	3.00	0.48

Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
Bed 4	TIM-004-01 W	n/a	2600	1500	S	No Shading
Bed 4	TIM-004-01 W	n/a	2600	4100	W	No Shading
Corridor	TIM-003-01 W	n/a	2200	1000	S	No Shading
Corridor	TIM-004-01 W	n/a	2600	2200	W	No Shading
Bath	TIM-003-01 W	n/a	2200	600	S	No Shading
Bed 3	TIM-004-01 W	n/a	2200	2600	W	No Shading
Bed 2	TIM-004-01 W	n/a	2200	3500	S	No Shading
Bed 2	TIM-004-01 W	n/a	2200	1500	W	No Shading
Plant	TIM-003-01 W	n/a	2600	1000	W	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	1000	E	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	2000	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	3150	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	1000	E	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	3000	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	450	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	450	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	1450	N	No Shading
Liv/Kitchen/Lou	TIM-003-01 W	n/a	2400	800	S	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	3000	2100	S	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2400	4500	S	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2400	3300	W	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2200	2400	W	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	1800	3300	S	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	1800	2800	W	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	1950	3000	N	No Shading
Liv/Kitchen/Lou	TIM-004-01 W	n/a	2700	1450	N	No Shading
Pantry	TIM-003-01 W	n/a	2400	900	N	No Shading
SAtudy 1	TIM-004-01 W	n/a	2200	2950	S	No Shading
Study 2	TIM-004-01 W	n/a	2200	2650	S	No Shading
WC	TIM-004-01 W	n/a	1400	1350	W	No Shading
Laundry	TIM-003-01 W	n/a	2400	800	S	No Shading
Laundry	TIM-004-01 W	n/a	1400	2800	W	No Shading
Garage	TIM-004-01 W	n/a	2400	1000	E	No Shading
Garage	TIM-004-01 W	n/a	2400	1000	S	No Shading
Hall 2	TIM-004-01 W	n/a	2400	1000	E	No Shading
Hall 2	TIM-003-01 W	n/a	2800	2100	S	No Shading
Hall 2	TIM-004-01 W	n/a	2400	2200	W	No Shading
Hall 2	TIM-004-01 W	n/a	2400	2100	N	No Shading
Ensuite/Robe	TIM-004-01 W	n/a	900	2700	N	No Shading
Ensuite/Robe	TIM-004-01 W	n/a	900	1400	N	No Shading
Ensuite/Robe	TIM-004-01 W	n/a	600	600	E	No Shading

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4



Building features continued

Ensuite/Robe	TIM-003-01 W	n/a	900	900	E	No Shading
Ensuite/Robe	TIM-003-01 W	n/a	900	1800	E	No Shading
Ensuite/Robe	TIM-004-01 W	n/a	2400	6450	S	No Shading
Master Bed	TIM-004-01 W	n/a	2200	5400	S	No Shading
Master Bed	TIM-004-01 W	n/a	2200	1200	W	No Shading
Master Bed	TIM-003-01 W	n/a	900	900	N	No Shading
Robe	TIM-003-01 W	n/a	900	900	W	No Shading
Robe	TIM-003-01 W	n/a	850	850	N	No Shading
Robe	TIM-004-01 W	n/a	900	1700	N	No Shading
Robe	TIM-003-01 W	n/a	800	400	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	0.00	0.00
GEN-04-009a	Double-glazed opal, Timber and Aluminium Frame	0.00	0.00

Roof window and skylight schedule

Location	ID	Roof window/skylight no.	Area (m²)	Orientation	Outdoor shade	Indoor shade/diffuser
Laundry	GEN-04-008a	1	1.3	SE	None	No
Laundry	GEN-04-008a	2	0.8	E	None	No
Hall 2	GEN-04-009a	1	1.8	E	None	No

External wall type

ID	Wall type	Insulation	Wall wrap or foil
EW-1	Cavity Brick	No insulation	No
EW-2	Cavity Brick	Bulk Insulation R1	No
EW-3	Single Skin Brick	No insulation	No

External wall schedule

Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shade	Eaves (mm)
Bed 4	EW-1	1800	3300	S	No	200
Bed 4	EW-1	5400	3300	W	No	2400
Bed 4	EW-1	6500	3300	N	No	1200
Corridor	EW-1	1800	3300	E	Yes	3000
Corridor	EW-2	650	3300	S	No	100
Corridor	EW-1	1400	3300	W	No	200
Bath	EW-1	700	3300	S	No	1900
Bed 3	EW-1	2750	3300	W	No	1200
Bed 3	EW-1	1800	3300	N	No	200
Bed 2	EW-1	3650	3300	S	No	800
Bed 2	EW-1	2950	3300	W	No	1200
Plant	EW-2	850	3300	W	No	6500
Plant	EW-3	2900	3300	N	No	1100
Plant	EW-3	13000	3300	E	Yes	4900

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4



Building features continued

Plant	EW-3	1300	3300	S	No	500
Plant	EW-3	2500	3300	E	Yes	300
Plant	EW-2	900	3300	S	No	300
Plant	EW-2	1200	3300	W	No	8400
Liv/Kitchen/Lou	EW-2	550	3000	E	Yes	3000
Liv/Kitchen/Lou	EW-2	5550	3000	N	No	500
Liv/Kitchen/Lou	EW-2	1400	3000	E	Yes	15250
Liv/Kitchen/Lou	EW-2	3800	3000	N	No	1900
Liv/Kitchen/Lou	EW-2	2850	3000	N	No	1644
Liv/Kitchen/Lou	EW-2	450	3000	S	No	800
Liv/Kitchen/Lou	EW-2	1950	3000	S	No	300
Liv/Kitchen/Lou	EW-2	1100	3000	E	Yes	400
Liv/Kitchen/Lou	EW-2	6000	3000	S	No	600
Liv/Kitchen/Lou	EW-2	7600	3000	W	No	600
Liv/Kitchen/Lou	EW-2	4100	3000	S	No	600
Liv/Kitchen/Lou	EW-2	5200	3000	W	No	700
Liv/Kitchen/Lou	EW-2	2400	3000	N	No	400
Liv/Kitchen/Lou	EW-2	1000	3000	W	No	400
Liv/Kitchen/Lou	EW-2	2550	3000	N	No	200
Liv/Kitchen/Lou	EW-2	1800	3000	N	No	2600
Pantry	EW-2	800	3000	W	No	100
Pantry	EW-2	2900	3000	N	No	300
Pantry	EW-2	1250	3000	E	Yes	4800
Lift	EW-2	700	3000	E	Yes	3000
Store	EW-2	650	3000	E	Yes	3000
SAtudy 1	EW-2	2500	3000	S	No	600
Study 2	EW-2	4350	3000	E	Yes	200
Study 2	EW-2	2650	3000	S	No	600
WC	EW-2	649	3000	W	No	583
Laundry	EW-2	3209	3000	S	No	1935
Laundry	EW-2	2588	3000	W	No	549
Garage	EW-2	6036	3000	N	No	3014
Garage	EW-2	6673	3000	E	No	313
Garage	EW-2	1972	3000	S	No	1243
Garage	EW-2	943	3000	E	No	2290
Garage	EW-2	4579	3000	S	No	292
Garage	EW-2	2162	3000	W	No	4267
Hall 2	EW-2	1100	2400	E	Yes	200
Hall 2	EW-2	1000	2400	E	Yes	7000
Hall 2	EW-2	1750	2800	S	No	400
Hall 2	EW-2	1500	2400	W	No	300
Hall 2	EW-2	2400	2400	N	No	300
Ensuite/Robe	EW-2	6150	2400	N	No	200
Ensuite/Robe	EW-2	6600	2400	E	Yes	300
Ensuite/Robe	EW-2	6150	2400	S	No	1400
Master Bed	EW-2	5650	2400	S	No	1500
Master Bed	EW-2	3700	2400	W	No	400
Master Bed	EW-2	1400	2400	N	No	300

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4



Building features continued

Lift	EW-2	1250	2400	N	No	300
Lift	EW-2	1250	2400	E	Yes	200
Robe	EW-2	3650	2400	W	No	300
Robe	EW-2	2350	2400	N	No	300

Internal wall type

Wall type	Area (m²)	Insulation	Wall wrap or foil
IW-1 - Single Skin Brick	324	No insulation	No
IW-2 - Concrete Block	6	No insulation	No
IW-3 - Autoclaved Aerated Concrete	5	No insulation	No
IW-4 - Single Skin Brick	15	Bulk Insulation, Air Gap R1	No

Floors

Location	Construction	Area (m²)	Sub floor ventilation	Added insulation	Covering
Bed 4	Concrete Slab on Ground	31.5	None	No Insulation	Bare
Other Day-time	Concrete Slab on Ground	1.4	None	No Insulation	Bare
Corridor	Concrete Slab on Ground	6.2	None	No Insulation	Bare
Cellar	Concrete Slab on Ground	1.6	None	No Insulation	Bare
Bath	Concrete Slab on Ground	2.4	None	No Insulation	Bare
Bed 3	Concrete Slab on Ground	9.6	None	No Insulation	Bare
Bed 2	Concrete Slab on Ground	11.1	None	No Insulation	Bare
Plant	Concrete Slab on Ground	22.5	None	No Insulation	Bare
Liv/Kitchen/Lou/Bed	Concrete Above Plasterboard	30.9		No Insulation	Bare
Liv/Kitchen/Lou/Corridor	Concrete Above Plasterboard	13.6		No Insulation	Bare
Liv/Kitchen/Lou/Cellar	Concrete Above Plasterboard	2.6		No Insulation	Bare
Liv/Kitchen/Lou/Bath	Concrete Above Plasterboard	4.8		No Insulation	Bare
Liv/Kitchen/Lou/Bed	Concrete Above Plasterboard	6.0		No Insulation	Bare
Liv/Kitchen/Lou/Bed	Concrete Above Plasterboard	3.1		No Insulation	Bare
Liv/Kitchen/Lou/Plant	Concrete Above Plasterboard	16.7		No Insulation	Bare
Liv/Kitchen/Lou	Concrete Slab on Ground	36.5	None	No Insulation	Bare
Pantry	Concrete Slab on Ground	3.7	None	No Insulation	Bare
Lift/Other Day-time	Concrete Above Plasterboard	1.1		No Insulation	Bare
Lift	Concrete Slab on Ground	0.4	None	No Insulation	Bare
Store/Plant	Concrete Above Plasterboard	2.0		No Insulation	Bare
Store	Concrete Slab on Ground	0.3	None	No Insulation	Bare
SAtudy 1	Concrete Slab on Ground	11.5	None	No Insulation	Bare
Study 2	Concrete Slab on Ground	11.8	None	No Insulation	Bare
WC	Concrete Slab on Ground	1.6	None	No Insulation	Bare
Laundry	Concrete Slab on Ground	9.9	None	No Insulation	Bare

Nationwide House Energy Rating Scheme* Certificate



Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4

Building features continued

Garage	Concrete Slab on Ground	44.3	None	No Insulation	Bare
Hall 2/Liv/Kitchen/Lou	Concrete Above Plasterboard	19.7		No Insulation	Bare
Hall 2/Store	Concrete Above Plasterboard	2.8		No Insulation	Bare
Hall 2	Concrete Slab on Ground	1.7	None	No Insulation	Bare
Ensuite/Robe/Liv/Kitchen/Lou	Concrete Above Plasterboard	12.7		No Insulation	Bare
Ensuite/Robe/SAtudy 1	Concrete Above Plasterboard	12.9		No Insulation	Bare
Ensuite/Robe/Study	Concrete Above Plasterboard	11.1		No Insulation	Bare
Ensuite/Robe	Concrete Slab on Ground	3.9	None	No Insulation	Bare
Master Bed/Liv/Kitchen/Lou	Concrete Above Plasterboard	18.9		No Insulation	Bare
Lift/Lift	Concrete Above Plasterboard	1.8		No Insulation	Bare
Robe/Liv/Kitchen/Lou	Concrete Above Plasterboard	8.9		No Insulation	Bare

Ceiling type

Location	Construction	Added insulation	Roof space above
Bed 4	Concrete Above Plasterboard	No Insulation	Yes
Other Day-time	Concrete Above Plasterboard	No Insulation	No
Corridor	Concrete Above Plasterboard	No Insulation	Yes
Cellar	Concrete Above Plasterboard	No Insulation	No
Bath	Concrete Above Plasterboard	No Insulation	No
Bed 3	Concrete Above Plasterboard	No Insulation	Yes
Bed 2	Concrete Above Plasterboard	No Insulation	Yes
Plant	Concrete Above Plasterboard	No Insulation	Yes
Liv/Kitchen/Lou	Concrete Above Plasterboard	No Insulation	Yes
Pantry	Plasterboard	Bulk Insulation R3.5	Yes
Lift	Concrete Above Plasterboard	No Insulation	No
Store	Concrete Above Plasterboard	No Insulation	No
SAtudy 1	Concrete Above Plasterboard	No Insulation	Yes
Study 2	Concrete Above Plasterboard	No Insulation	Yes
WC	Plasterboard	Bulk Insulation R3.5	Yes
Laundry	Plasterboard	Bulk Insulation R3.5	Yes
Garage	Plasterboard	Bulk Insulation R3.5	Yes
Hall 2	Plasterboard	Bulk Insulation R3.5	Yes
Ensuite/Robe	Plasterboard	Bulk Insulation R3.5	Yes
Master Bed	Plasterboard	Bulk Insulation R3.5	Yes
Lift	Plasterboard	Bulk Insulation R3.5	Yes
Robe	Plasterboard	Bulk Insulation R3.5	Yes

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01 Certificate Date: 19 May 2016 ★ Star rating: 4.4



Building features continued

Ceiling penetrations				
Location	Number	Type	Diameter (mm)	Sealed/unsealed
WC	2	Downlights - LED	100	Unsealed
Laundry	2	Downlights - LED	100	Unsealed
Hall 2	1	Downlights - LED	100	Unsealed
Ensuite/Robe	6	Downlights - LED	100	Unsealed
Robe	4	Downlights - LED	100	Unsealed

Ceiling fans		
Location	Number	Diameter (mm)
None Present		

Roof type		
Construction	Added insulation	Roof colour
Corrugated Iron	Bulk, Reflective Side Down, Anti-glare Up	Dark

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0000304188-01

Certificate Date: 19 May 2016

★ Star rating: 4.4



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