Certificate number: 0004171336-01 Certificate Date: 06 Feb 2020 ★ Star rating: 6.0



#### Assessor details

Accreditation

number: **20322** 

Name: Peter Waller

Organisation: BASIX Certificate Centre

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Phone: **90292052** 

Declaration No potential conflicts of interest to

of interest: declare

Software: AccuRate Sustainability V2.3.3.13 SP4

AAO: ABSA

#### Overview

#### **Dwelling details**

Street: **121 Pacific Road**Suburb: **Palm Beach** 

State: NSW Postcode: 2108
Type: New NCC Class: 1a

NatHERS

Lot/DP climate zone: **56** 

number: Lot 17 DP 8595 Exposure: Suburban

#### Key construction and insulation materials

(see following pages for details)

Construction: Timber/Plasterboard wall

Metal roof/Plasterboard

Slab

Insulation: R2.5 wall insulation

Ceiling (uninsulated) R1.0 floor insulation

Glazing: Aluminium B DG Air Fill High Solar

Gain low-E

#### Net floor area (m<sup>2</sup>)

 Conditioned:
 352.1

 Unconditioned:
 64.3

 Garage:
 42.8

 TOTAL:
 416.4

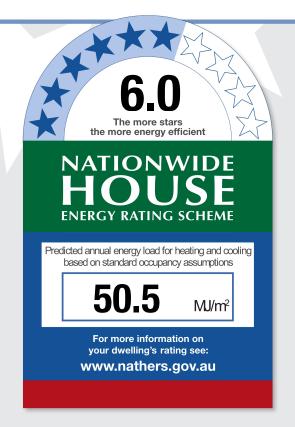
# Annual thermal performance loads (MJ/m²)

Heating: **24.6**Cooling: **25.9**TOTAL: **50.5** 

#### Plan documents

Plan ref/date: **Project 0267 01-11-19** 

Prepared by: **DB** 



#### **Ceiling penetrations**

(see following pages for details)

Sealed: 108 Unsealed: 0 TOTAL:\*\* 108 \*\*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 **6.0** 

+10% SHGC 6.0

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.



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

Certificate number: 0004171336-01 Certificate Date: 06 Feb 2020 ★ Star rating:



# **Building features**

	Window t	ype and	performance	value
--	----------	---------	-------------	-------

Window ID	Window type	U-value	SHGC
ALM-001-01 A	DEFAULTS: Aluminium A SG Clear	6.7	0.57
ALM-004-01 A	DEFAULTS: Aluminium B DG Air Fill Clear-Clear	4.8	0.59
ALM-004-04 A	DEFAULTS: Aluminium B DG Air Fill Low Solar Gain low-E -Clear	4.9	0.33
ALM-003-03 A	DEFAULTS: Aluminium A DG Air Fill High Solar Gain low-E -Clear	4.3	0.47
ALM-004-03 A	DEFAULTS: Aluminium B DG Air Fill High Solar Gain low-E -Clear	4.3	0.53

#### Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
B3	ALM-004-03 A	AFW1412	1400	1200	N	None
B3	ALM-003-03 A	AAW1406	1400	600	N	None
B2	ALM-004-03 A	AFW1412	1400	1200	N	None
B2	ALM-003-03 A	AAW1406	1400	600	N	None
Ba1 Bath	ALM-001-01 A	AAW1410	1400	1000	N	None
B1	ALM-004-03 A	AFW1412	1400	1200	N	None
B1	ALM-003-03 A	AAW1406	1400	600	N	None
B1	ALM-004-03 A	ASD2423	2400	2350	Е	None
Rumpus	ALM-004-03 A	ASD2523	2400	2350	E	None
Rumpus	ALM-004-03 A	ASD2441	2400	4134	Е	None
Powder	ALM-001-01 A	AAW1410	1400	1000	S	None
Laundry	ALM-001-01 A	AAW1410	1400	1000	S	None
Garage	ALM-001-01 A	AAW1410	1400	1000	S	None
Ba2 Bath	ALM-001-01 A	AAW1410	1400	1000	S	None
Pantry	ALM-003-03 A	AAW2410	1400	1000	S	None
Hall & Stairs	ALM-003-03 A	AAW1410	2400	1000	S	None
Hall & Stairs	ALM-004-03 A	ASL2404	2400	450	W	None
Hall & Stairs	ALM-004-03 A	ASD2436	2400	3600	E	None
Hall & Stairs	ALM-004-03 A	ASD2460	2400	5999	N	None
Kitchen Living	ALM-004-03 A	ASD2436	2400	3600	W	None
Kitchen Living	ALM-004-03 A	ASD2440	2400	4000	E	None
Kitchen Living	ALM-004-03 A	ASD2436	2400	3600	E	None
Kitchen Living	ALM-004-03 A	ASD2440	2400	4000	E	None
Kitchen Living	ALM-004-03 A	ADW2451	2400	5100	N	Outdoor venetians
M1 Bed	ALM-004-03 A	AFW1412	1400	1200	N	None
M1 Bed	ALM-003-03 A	AAW1406	1400	600	N	None
M1 Bed	ALM-004-03 A	ADW2418	2400	1800	S	None
W1 WIR	ALM-003-03 A	AAW1410	1400	1000	N	None
E1	ALM-003-03 A	AAW1410	1400	1000	N	None
Kids Bed	ALM-003-03 A	AAW1406	1400	600	N	None
Kids Bed	ALM-004-04 A	AFW1408	1400	800	N	None
Kids Bed	ALM-004-01 A	AAW1406	1400	600	N	None
E2	ALM-003-03 A	AAW1410	1400	1000	N	None
W2 WIR	ALM-003-03 A	AAW1410	1400	1000	N	None
M2 Bed	ALM-004-03 A	AFW1412	1400	1200	N	None
M2 Bed	ALM-003-03 A	AAW1406	1400	600	N	None
M2 Bed	ALM-003-03 A	AAW1406	1400	600	W	None
M2 Bed	ALM-004-03 A	AFW1410	1400	1000	W	None

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Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** ★ Star rating:



6.0

#### **Building features continued** M2 Bed ALM-004-03 A AFW1410 1400 1000 W None M2 Bed ALM-003-03 A AAW1406 1400 600 W None M2 Bed ALM-003-03 A AAW1410 1400 1000 S None Corridor ALM-003-03 A AAW1410 1400 1000 S None

and skylight typ	e and performanc	e value			
Window type				U-value	SHGC
Double-glazed	d clear: norma			0.0	0.00
and skylight sch	nedule				
ID	Roof window/skylight no.	Area (m²)	Orientation	Outdoor shade	Indoor shade/diffuser
GEN-04-004a	Stairs	1.4	S	None	Yes
	Window type Double-glazed and skylight sch	Window type  Double-glazed clear: norma  and skylight schedule  ID Roof window/skylight no.	Double-glazed clear: norma  and skylight schedule  ID Roof Area (m²) window/skylight no.	Window type  Double-glazed clear: norma  and skylight schedule  ID Roof Area (m²) Orientation window/skylight no.	Window type  Double-glazed clear: norma  O.0  and skylight schedule  ID  Roof window/skylight no.  Area (m²) Orientation Outdoor shade

<b>External wall</b>	type					
ID	Wall type		Insulation			Wall wrap or foi
EW-001	Concrete block					No
EW-002	Brick wall/Plast	erboard	Polyurethane	rigid foamed age	ed: R1.5	No
EW-003	Timber					No
EW-006	Retaining Cond	rete block				No
EW-007	Timber					No
EW-009	Timber/Plasterl	ooard	Rockwool bat	t: R2.5		No
EW-010	Timber/Plasterl	ooard	Rockwool bat	t: R2.5		No
External wall	schedule					
Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shad	le Eaves (mm)
B3	EW-009	3850	2800	N	No	
B2	EW-009	4000	2800	N	No	
Ba1 Bath	EW-009	1805	2800	N	No	
B1	EW-009	4000	2800	N	No	
B1	EW-009	4300	2800	Е	Yes	500
Rumpus	EW-009	8500	2800	E	Yes	500
Rumpus	EW-009	3200	2800	S	Yes	1000
Rumpus	EW-002	2300	2800	S	No	
Rumpus	EW-002	800	2800	E	Yes	10200
Powder	EW-009	1800	2800	S	Yes	1000
Laundry	EW-009	2400	2800	S	Yes	1000
Store	EW-002	2200	2800	S	Yes	1000
Garage	EW-010	6000	2700	N	Yes	2700
Garage	EW-010	6000	2700	W	No	
Garage	EW-010	8000	2700	S	No	
Ba2 Bath	EW-010	1540	2700	S	No	
Pantry	EW-010	2400	2700	S	No	
Hall & Stairs	EW-010	2360	2700	S	No	

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Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** ★ Star rating:



Building feature	es continued					
Hall & Stairs	EW-010	2700	2700	W	Yes	900
Hall & Stairs	EW-010	4010	2700	E	Yes	300
Hall & Stairs	EW-010	6000	2700	N	No	
Kitchen Living	EW-010	4010	3000	W	Yes	300
Kitchen Living	EW-010	6210	3810	S	No	
Kitchen Living	EW-010	14000	3000	Е	Yes	
Kitchen Living	EW-010	6210	3810	N	No	
M1 Bed	EW-010	4000	3000	N	No	
M1 Bed	EW-010	5700	3000	S	Yes	4010
W1 WIR	EW-010	1600	3000	N	No	
E1	EW-010	2200	2700	N	No	
Kids Bed	EW-010	4000	3000	N	No	
E2	EW-010	2200	2700	N	No	
W2 WIR	EW-010	1600	3000	N	No	
M2 Bed	EW-010	4000	3000	N	No	
M2 Bed	EW-010	4800	3650	W	No	
M2 Bed	EW-010	8000	3000	S	No	
Corridor	EW-010	3400	2700	S	Yes	2700
Corridor	EW-010	300	2700	S	Yes	4010
Subfloor	EW-001	4000	2000	S	No	
Subfloor	EW-006	3500	2000	W	No	
Subfloor	EW-006	1800	1800	S	No	
Subfloor	EW-006	5800	1500	W	No	
Subfloor	EW-006	11500	1000	S	No	
Subfloor	EW-006	4800	700	W	No	
Subfloor	EW-001	10500	2000	N	No	
Subfloor	EW-001	4800	2800	N	No	
RG Roof Garage	EW-003	6600	762	W	No	
RG Roof Garage	EW-003	11485	1524	N	No	

Internal v	vall type			
ID	Wall type	Area (m²)	Insulation	Wall wrap or foil
IW-001	Plasterboard	167.7		No
IW-002	Plasterboard	34.2	Rockwool batt: R2.5	No
IW-003	Plasterboard	20.5	Rockwool batt: R2.5	No
IW-005	Plasterboard/Brick wall	70.8		No
IW-008	Fibre-cement sheet/Brick wall/Plasterboard	55.7	Polyurethane rigid foamed aged: R1.0	No
IW-012	Brick wall/Plasterboard	48.7	Polyurethane rigid foamed aged: R1.5	No

Floors					
Location	Construction	Area (m²)	Sub floor ventilation	Added insulation	Covering
B3/Ground	as_FLOR-B001 #2051 © Concrete Floor slab with			R1.0	Ceramic tile

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Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** 

★ Star rating:

NATIONWIDE HOUSE ENERGY RATING SCHEME

6.0

Building feature	3 COMMINGE			
	Ceramic tile floor (R1.0 insul underl)			
B2/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	17.1	R1.0	Ceramic tile
Ba1 Bath/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	5.7	R1.0	Ceramic tile
B1/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	17.1	R1.0	Ceramic tile
Rumpus/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	84.7	R1.0	Ceramic tile
Powder/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	3.5	R1.0	Ceramic tile
Laundry/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	7.2	R1.0	Ceramic tile
Store/Ground	as_FLOR-B001 #2051 © 100mm Concrete Floor slab with Ceramic tile floor (R1.0 insul underl)	6.6	R1.0	Ceramic tile
Garage/Ground	as_FLOR-B0A1 #1006 © 100mm Concrete Floor slab (no insul)	42.8		
Ba2 Bath/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	5.1	R1.0	Ceramic tile
Pantry/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling		R1.0	
Hall & Stairs/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	18.6	R1.0	
Hall & Stairs/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	10.0		
Kitchen Living/B2	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	17.1		
Kitchen Living/Ba1 Bath	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	5.7		
Kitchen Living/B1	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under			
Kitchen Living/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under			
Kitchen Living/Powder	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	2.7		
Kitchen	200mm Concrete Floor slab with	7.2		

Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** ★ Star rating:



Juliuling reacure					
Living/Laundry	Floating Timber + R0.0 insul + Plasterboard under				
Kitchen Living/Store	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	6.6			
Kitchen Living/Outdoor Air	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
M1 Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
M1 Bed/B3	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	18.0			
M1 Bed/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under	0.7			
W1 WIR/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
E1/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	7.7		R1.0	Ceramic tile
Kids Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
E2/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	7.7		R1.0	Ceramic tile
W2 WIR/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
M2 Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
Corridor/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling			R1.0	
Subfloor/Ground	Bare ground	126.3	Enclosed		
RG Roof Garage/Garage	Plasterboard 10 mm + R5.0 bulk insulation	42.8		R5.0	
RG Roof Garage/Ba2 Bath	Plasterboard 10 mm + R5.0 bulk insulation	5.1		R5.0	
RG Roof Garage/Pantry	Plasterboard 10 mm + R5.0 bulk insulation	7.9		R5.0	
RG Roof Garage/Hall & Stairs	Plasterboard 10 mm + R5.0 bulk insulation	20.0		R5.0	
RB Roof Beds/E1	Plasterboard 10 mm + R5.0 bulk insulation	7.7		R5.0	
RB Roof Beds/E2	Plasterboard 10 mm + R5.0 bulk insulation	7.7		R5.0	
RB Roof Beds/Corridor	Plasterboard 10 mm + R5.0 bulk insulation	7.6		R5.0	

Cei	ling	type
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Location Construction Added	Dark Comment
	ROOT CHACA
Location Construction Added	Roof space

Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** 

★ Star rating:



6.0

		insulation	above
M1 Bed/B3	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/B2	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/Ba1 Bath	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/B1	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Hall & Stairs/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
M1 Bed/Rumpus	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/Powder	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/Laundry	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
Kitchen Living/Store	200mm Concrete Floor slab with Floating Timber + R0.0 insul + Plasterboard under		No
RG Roof Garage/Garage	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RG Roof Garage/Ba2 Bath	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RG Roof Garage/Pantry	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RG Roof Garage/Hall & Stairs	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RB Roof Beds/E1	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RB Roof Beds/E2	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
RB Roof Beds/Corridor	Plasterboard 10 mm + R5.0 bulk insulation	R5.0	Yes
Ba2 Bath/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	R1.0	No
Pantry/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
Hall & Stairs/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
M1 Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
W1 WIR/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
E1/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	R1.0	No
Kids Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
E2/Subfloor	200mm Concrete Floor slab with ceramic tiles (+R1.0) No ceiling	R1.0	No
W2 WIR/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
M2 Bed/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No
Corridor/Subfloor	200mm Concrete Floor slab with Floating Timber + R1.0 insul - No ceiling	R1.0	No

Certificate number: **0004171336-01** Certificate Date: **06 Feb 2020** 

**2020** ★ Star rating:



Location	Number	Туре	Diameter (mm) Sealed/unsealed
B3	7	Downlight	Sealed
B2	7	Downlight	Sealed
Ba1 Bath	2	Downlight	Sealed
B1	7	Downlight	Sealed
Rumpus	30	Downlight	Sealed
Powder	3	Downlight	Sealed
Laundry	3	Downlight	Sealed
Store	4	Downlight	Sealed
Ba2 Bath	2	Downlight	Sealed
Pantry	3	Downlight	Sealed
Hall & Stairs	11	Downlight	Sealed
Kitchen Living	34	Downlight	Sealed
M1 Bed	8	Downlight	Sealed
W1 WIR	2	Downlight	Sealed
E1	3	Downlight	Sealed
Kids Bed	6	Downlight	Sealed
E2	3	Downlight	Sealed
W2 WIR	2	Downlight	Sealed
M2 Bed	10	Downlight	Sealed
Corridor	3	Downlight	Sealed

Ceiling fans		
Location	Number	Diameter (mm)
None Present		

Construction	Added insulation	Roof colour
as_ROOF-B013.rof #2016 © Concrete slab 150mm - Drained Tile walking surface - R3.0 insulation under slab - Susp. Ceiling under	R3.0	Medium
as_ROOF-A021 #E016 © Horiz pitch Colourbond steel roof + Anticon R1.0 insul with R5.0 bulk insul + Plasterb'd ceiling under	R6.0	Light
as_ROOF-A011 #E016 © 45 deg Colourbond steel roof + Anticon R1.0 insul with R5.0 bulk insul + Plasterb'd ceiling under	R6.0	Light
45 deg Colourbond steel roof + Anticon R1.0 insul with no ceiling under	R1.0	Light
as_ROOF-A031 #3015 © 22.5 deg Colourbond steel roof + Anticon R1.0 insul with no ceiling under	R1.0	Light
as_ROOF-B013.rof #1001 © Concrete slab 200mm - Drained Tile walking surface - no insulation - no Ceiling under	)	Medium



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

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