

Nationwide House Energy Rating Scheme* Certificate



Certificate number: **0004148060-02**

Certificate Date: **08 Jan 2020**

★ Star rating: **5.2**

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/17/1807**

Name: **Jamie Bonnefin**

Organisation: **Certified Energy**

Email: **jobs@certifiedenergy.com.au**

Phone: **1300 443 674**

Declaration
of interest: **None**

Software: **BERS Pro v4.3.0.2f (3.13)**

AAO: **BDAV**

Overview

Dwelling details

Street: **9 Ocean Road**

Suburb: **Palm Beach**

State: **NSW**

Postcode: **2108**

Type: **New Dwelling**

NCC Class: **1A**

NatHERS

climate zone: **56**

Lot/DP

number: **22/11552**

Exposure: **Exposed**

Key construction and insulation materials

(see following pages for details)

Construction: **Concrete block, lined
Corrugated Iron
Concrete Slab on Ground**

Insulation: **R2.7 wall insulation
R4.0 ceiling insulation
No floor insulation**

Glazing: **ALM-001-04 A Aluminium A SG Low
Solar Gain Low-E**

Net floor area (m²)

Conditioned: **482.0**

Unconditioned: **143.0**

Garage: **96.0**

TOTAL: **625.0**

Annual thermal performance loads (MJ/m²)

Heating: **39.0**

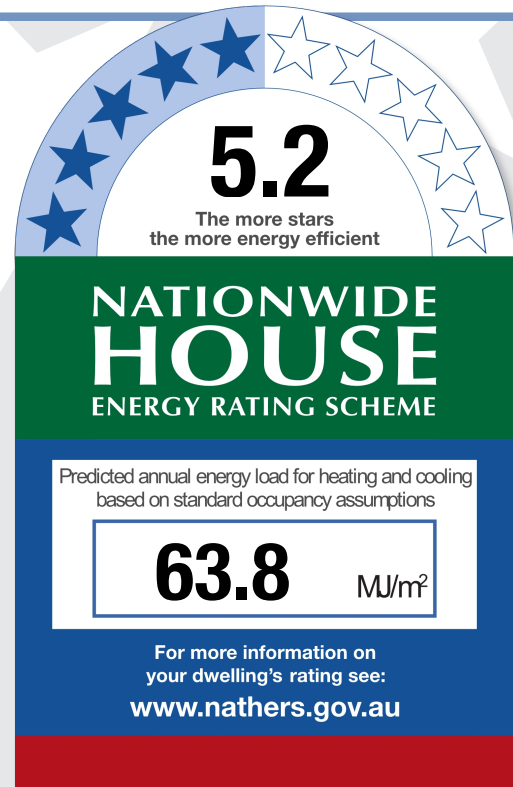
Cooling: **24.9**

TOTAL: **63.8**

Plan documents

Plan ref/date: **Project No, 1907**

Prepared by: **Map Architecture Interiors**



Ceiling penetrations

(see following pages for details)

Sealed: **1**

Unsealed: **0**

TOTAL:** **1**

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: **Unknown**

Window selection - default windows only

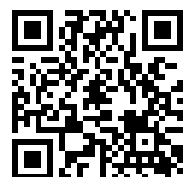
Note on allowable window values:
Only a 5% tolerance to the nominated SHGC window values shown on page 2 can be used with this rating.

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: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features

Window type and performance value

Window ID	Window type	U-value	SHGC
TIM-001-04 W	TIM-001-04 W Timber A SG Low Solar Gain Low-E	3.7	0.35
ALM-001-04 A	ALM-001-04 A Aluminium A SG Low Solar Gain Low-E	5.6	0.36
ALM-002-04 A	ALM-002-04 A Aluminium B SG Low Solar Gain Low-E	5.6	0.41
ALM-002-01 A	ALM-002-01 A Aluminium B SG Clear	6.7	0.70

Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
Entry	TIM-001-04 W	n/a	2800	700	E	No Shading
Wet Room	ALM-001-04 A	n/a	300	900	N	No Shading
Wet Room	ALM-002-04 A	n/a	800	625	E	No Shading
Sitting Room	ALM-001-04 A	n/a	2700	1000	N	No Shading
Sitting Room	ALM-001-04 A	n/a	2700	1000	E	No Shading
Sitting Room	ALM-001-04 A	n/a	2700	1000	E	No Shading
Sitting Room	ALM-001-04 A	n/a	2700	1800	E	No Shading
Stair 1	ALM-002-04 A	n/a	3000	1800	N	No Shading
Bedroom 2	ALM-001-04 A	n/a	2700	900	N	No Shading
Bedroom 2	ALM-001-04 A	n/a	1800	1100	NE	No Shading
Bedroom 2	ALM-001-04 A	n/a	1800	1100	E	No Shading
Bedroom 2	ALM-001-04 A	n/a	1800	1100	SE	No Shading
Ens 2	ALM-001-04 A	n/a	1700	800	E	No Shading
Ens 2	ALM-001-04 A	n/a	1700	800	E	No Shading
Wir 2	ALM-002-04 A	n/a	400	1000	S	No Shading
Bedroom 3	ALM-001-04 A	n/a	2100	900	N	No Shading
Bedroom 3	ALM-001-04 A	n/a	2700	900	NE	No Shading
Living/Dining	ALM-001-04 A	n/a	2100	1200	NW	No Shading
Living/Dining	ALM-001-04 A	n/a	2100	1200	N	No Shading
Living/Dining	ALM-001-04 A	n/a	2100	1200	N	No Shading
Living/Dining	ALM-001-04 A	n/a	2100	1200	NE	No Shading
Living/Dining	ALM-001-04 A	n/a	1500	1200	N	No Shading
Living/Dining	ALM-001-04 A	n/a	1500	1200	N	No Shading
Living/Dining	ALM-001-04 A	n/a	2700	1000	E	No Shading
Living/Dining	ALM-001-04 A	n/a	2700	1000	E	No Shading
Living/Dining	ALM-001-04 A	n/a	2700	1800	E	No Shading
Living/Dining	ALM-001-04 A	n/a	2100	1200	W	No Shading
Living/Dining	ALM-001-04 A	n/a	2700	1800	W	No Shading
Living/Dining	ALM-002-01 A	n/a	640	1750	E	No Shading
Kitchen	ALM-001-04 A	n/a	2100	1200	N	No Shading
Kitchen	ALM-001-04 A	n/a	2100	1200	N	No Shading
Kitchen	ALM-001-04 A	n/a	2700	1800	N	No Shading
Kitchen	ALM-001-04 A	n/a	1700	900	W	No Shading
Kitchen	ALM-001-04 A	n/a	1700	900	W	No Shading
Kitchen	ALM-002-04 A	n/a	1700	900	W	No Shading
Kitchen	ALM-002-04 A	n/a	1700	900	W	No Shading
Kitchen	ALM-002-01 A	n/a	640	1750	W	No Shading
Bedroom 1	ALM-001-04 A	n/a	1700	950	N	No Shading
Bedroom 1	ALM-001-04 A	n/a	1700	950	NE	No Shading

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Bedroom 1	ALM-001-04 A	n/a	1700	950	E	No Shading
Bedroom 1	ALM-001-04 A	n/a	1700	950	SE	No Shading
WIR	ALM-001-04 A	n/a	400	1000	S	No Shading
Sewing Room	ALM-001-04 A	n/a	1800	1200	S	No Shading
WC	ALM-001-04 A	n/a	1200	750	S	No Shading
Laundry	ALM-001-04 A	n/a	1200	1200	S	No Shading
Laundry	ALM-001-04 A	n/a	1200	1200	W	No Shading
Laundry	ALM-001-04 A	n/a	2700	900	W	No Shading
Butlers	ALM-001-04 A	n/a	1200	750	W	No Shading
Ens 1	ALM-001-04 A	n/a	1900	1200	E	No Shading
Bedroom 3.1	ALM-001-04 A	n/a	2100	900	N	No Shading
Media 2	ALM-001-04 A	n/a	1800	1200	S	No Shading
Media 2	ALM-001-04 A	n/a	1800	1200	S	No Shading

Roof window and skylight type and performance value

ID	Window type	U-value	SHGC
GEN-04-007a	Single-glazed opal, 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
Stair 3	GEN-04-007a	1	1.4	N	None	No
WIR	GEN-04-007a	1	0.8	N	None	No
Sewing Room	GEN-04-007a	1	0.8	N	None	No
Laundry	GEN-04-007a	1	1.4	N	None	No

External wall type

ID	Wall type	Insulation	Wall wrap or foil
EW-1	Concrete block, lined	Anti-glare foil with bulk no gap R2.7	Yes

External wall schedule

Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shade	Eaves (mm)
Entry	EW-1	1410	3350	N	No	2500
Entry	EW-1	3410	3350	E	No	4100
Wet Room	EW-1	1200	3350	W	No	8300
Wet Room	EW-1	3700	3350	N	No	1300
Wet Room	EW-1	3755	3350	E	No	4100
Stairs Basement	EW-1	2755	3350	N	No	2500
Stairs Basement	EW-1	6055	3350	W	No	4000
Lift Basement	EW-1	1910	3350	W	No	4000
Garage	EW-1	2800	3350	N	No	8600
Garage	EW-1	9300	3350	E	No	1300
Garage	EW-1	10800	3350	S	No	0
Garage	EW-1	7255	3350	W	No	4000
Sitting Room	EW-1	4455	3000	N	No	0

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Sitting Room	EW-1	5855	3000	E	No	2600
Stair 1	EW-1	2500	3000	N	No	0
Stair 1	EW-1	600	3000	E	No	0
Stair 1	EW-1	600	3000	W	No	900
Bedroom 2	EW-1	2600	3000	N	No	400
Bedroom 2	EW-1	1697	3000	NE	No	318
Bedroom 2	EW-1	1300	3000	E	No	400
Bedroom 2	EW-1	1697	3000	SE	No	318
Bedroom 2	EW-1	900	3000	S	No	500
Bedroom 2	EW-1	500	3000	E	No	1125
Bedroom 2	EW-1	4655	3000	S	No	0
Ens 2	EW-1	3810	3000	E	No	1000
Wir 2	EW-1	455	3000	S	No	0
Wir 2	EW-1	800	3000	E	No	0
Wir 2	EW-1	3455	3000	S	No	0
Media room	EW-1	710	3000	S	No	0
Bedroom 3	EW-1	1255	3000	N	No	400
Bedroom 3	EW-1	2404	3000	NE	No	283
Bedroom 3	EW-1	955	3000	N	No	0
Living/Dining	EW-1	1273	2700	NW	No	424
Living/Dining	EW-1	3100	2700	N	No	600
Living/Dining	EW-1	2404	2700	NE	No	389
Living/Dining	EW-1	6400	2700	N	No	500
Living/Dining	EW-1	500	2700	E	No	0
Living/Dining	EW-1	700	2700	N	No	0
Living/Dining	EW-1	4300	2700	E	No	700
Living/Dining	EW-1	700	2700	S	No	400
Living/Dining	EW-1	655	2700	E	No	1400
Living/Dining	EW-1	3900	2700	W	No	700
Kitchen	EW-1	6255	2700	N	No	700
Kitchen	EW-1	1055	2700	W	No	400
Kitchen	EW-1	400	2700	S	No	7500
Kitchen	EW-1	4000	2700	W	No	0
Kitchen	EW-1	400	2700	N	No	1300
Kitchen	EW-1	600	2700	W	No	400
Bedroom 1	EW-1	2600	2700	N	No	400
Bedroom 1	EW-1	1697	2700	NE	No	318
Bedroom 1	EW-1	1300	2700	E	No	500
Bedroom 1	EW-1	1697	2700	SE	No	354
Bedroom 1	EW-1	800	2700	S	No	500
Bedroom 1	EW-1	500	2700	E	No	1050
Bedroom 1	EW-1	5255	2700	S	No	0
WIR	EW-1	800	2700	E	No	2000
WIR	EW-1	3755	2700	S	No	400
Sewing Room	EW-1	4310	2700	S	No	400
WC	EW-1	1910	2700	S	No	400
Laundry	EW-1	6255	2700	S	No	400
Laundry	EW-1	3655	2700	W	No	400

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Butlers	EW-1	2210	2700	W	No	400
Ens 1	EW-1	355	2700	E	No	0
Ens 1	EW-1	1600	2700	N	No	100
Ens 1	EW-1	700	2700	E	No	1000
Ens 1	EW-1	600	2700	N	No	800
Ens 1	EW-1	2000	2700	E	No	400
Ens 1	EW-1	600	2700	S	No	300
Ens 1	EW-1	1155	2700	E	No	0
Store 1	EW-1	2610	3000	W	No	1100
Bedroom 3.1	EW-1	3255	3000	W	No	1100
Bedroom 3.1	EW-1	1273	3000	NW	No	283
Bedroom 3.1	EW-1	1755	3000	N	No	400
Ens 3	EW-1	2510	3000	W	No	1100
Media 2	EW-1	5855	3000	S	No	0
Media 2	EW-1	6955	3000	W	No	1100

Internal wall type

Wall type	Area (m²)	Insulation	Wall wrap or foil
IW-1 - Concrete Block	610.0	No insulation	No

Floors

Location	Construction	Area (m²)	Sub floor ventilation	Added insulation	Covering
Entry	Concrete Slab on Ground 100mm	21.3	None	No Insulation	Ceramic Tiles 8mm
Wet Room	Concrete Slab on Ground 100mm	13.8	None	No Insulation	Ceramic Tiles 8mm
Stairs Basement	Concrete Slab on Ground 100mm	16.7	None	No Insulation	Ceramic Tiles 8mm
Lift Basement	Concrete Slab on Ground 100mm	4.1	None	No Insulation	Ceramic Tiles 8mm
Garage	Concrete Slab on Ground 100mm	95.6	None	No Insulation	Ceramic Tiles 8mm
Sitting Room/Entry	Concrete Above Plasterboard 100mm	17.4		No Insulation	Cork Tiles or Parquetry 8mm
Sitting Room/Wet Room	Concrete Above Plasterboard 100mm	5.3		No Insulation	Cork Tiles or Parquetry 8mm
Sitting Room/Stairs Basement	Concrete Above Plasterboard 100mm	1.6		No Insulation	Cork Tiles or Parquetry 8mm
Sitting Room/Garage	Concrete Above Plasterboard 100mm	1.3		Bulk Insulation R2	Cork Tiles or Parquetry 8mm
Sitting Room/Garage	Concrete Above Plasterboard 100mm	6.4		Bulk Insulation R2	Cork Tiles or Parquetry 8mm
Stair 1/Stairs Basement	Concrete Above Plasterboard 100mm	9.6		No Insulation	Cork Tiles or Parquetry 8mm
Stair 2	Suspended Concrete Slab 150mm	5.5	Enclosed	Bulk Insulation in Contact with Floor R4	Cork Tiles or Parquetry 8mm

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Stair 2/Stairs Basement	Concrete Above Plasterboard 150mm	4.9		No Insulation	Cork Tiles or Parquetry 8mm
Stair 2	Suspended Concrete Slab 150mm	6.7	Enclosed	Bulk Insulation in Contact with Floor R4	Cork Tiles or Parquetry 8mm
Lift 1/Lift Basement	Concrete Above Plasterboard 100mm	4.0		No Insulation	Bare
WC 1/Garage	Concrete Above Plasterboard 100mm	4.7		Bulk Insulation R2	Ceramic Tiles 8mm
Bedroom 2/Garage	Concrete Above Plasterboard 100mm	27.4		Bulk Insulation R2	Carpet 10mm
Ens 2/Garage	Concrete Above Plasterboard 100mm	12.0		Bulk Insulation R2	Ceramic Tiles 8mm
Wir 2/Garage	Concrete Above Plasterboard 100mm	15.1		Bulk Insulation R2	Carpet 10mm
Media room	Suspended Concrete Slab 150mm	22.0	Enclosed	Bulk Insulation in Contact with Floor R4	Carpet 10mm
Bedroom 3	Suspended Concrete Slab 150mm	16.2	Enclosed	Bulk Insulation in Contact with Floor R4	Carpet 10mm
Ens 3	Suspended Concrete Slab 150mm	4.6	Enclosed	Bulk Insulation in Contact with Floor R4	Ceramic Tiles 8mm
Living/Dining/Sitting Room	Timber Above Plasterboard 100mm	18.8		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Stair 1	Concrete Above Plasterboard 100mm	8.4		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Stair 2	Concrete Above Plasterboard 100mm	8.2		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Bedroom 3	Concrete Above Plasterboard 100mm	16.6		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Ens 3	Concrete Above Plasterboard 100mm	4.9		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Bedroom 3.1	Concrete Above Plasterboard 100mm	10.8		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Ens 3	Concrete Above Plasterboard 100mm	7.0		No Insulation	Cork Tiles or Parquetry 8mm
Kitchen	Concrete Slab on Ground 100mm	37.0	None	No Insulation	Cork Tiles or Parquetry 8mm
Stair 3/Stair 2	Concrete Above Plasterboard 100mm	5.6		No Insulation	Cork Tiles or Parquetry 8mm
Stair 3/Stair 2.1	Concrete Above Plasterboard 100mm	3.3		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Stair 2	Concrete Above Plasterboard 100mm	3.9		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Media room	Concrete Above Plasterboard 100mm	8.0		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Store	Concrete Above Plasterboard 100mm	3.6		No Insulation	Cork Tiles or Parquetry 8mm
Living/Dining/Media	Concrete Above Plasterboard 100mm	9.7		No Insulation	Cork Tiles or Parquetry 8mm
Lift FF/Lift 1	Concrete Above Plasterboard 100mm	4.0		No Insulation	Bare
Bedroom 1/Bedroom 2	Concrete Above Plasterboard 100mm	27.3		No Insulation	Carpet 10mm
Bedroom 1/Wir 2		1.9		No Insulation	Carpet 10mm

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

	Concrete Above Plasterboard 100mm				
Bedroom 1/Store 2	Concrete Above Plasterboard 100mm	2.2		No Insulation	Carpet 10mm
WIR/Wir 2	Concrete Above Plasterboard 100mm	13.2		No Insulation	Carpet 10mm
WIR/Media room	Concrete Above Plasterboard 100mm	1.1		No Insulation	Carpet 10mm
Sewing Room/Media room	Concrete Above Plasterboard 100mm	12.9		No Insulation	Cork Tiles or Parquetry 8mm
Sewing Room/Media 2	Concrete Above Plasterboard 100mm	8.5		No Insulation	Cork Tiles or Parquetry 8mm
WC/Media 2	Concrete Above Plasterboard 100mm	4.5		No Insulation	Ceramic Tiles 8mm
Laundry	Concrete Slab on Ground 100mm	22.9	None	No Insulation	Ceramic Tiles 8mm
Butlers	Concrete Slab on Ground 100mm	13.8	None	No Insulation	Cork Tiles or Parquetry 8mm
Ens 1/Sitting Room	Timber Above Plasterboard 100mm	0.6		No Insulation	Ceramic Tiles 8mm
Ens 1/Sitting Room	Timber Above Plasterboard 100mm	6.7		No Insulation	Ceramic Tiles 8mm
Ens 1/WC 1	Concrete Above Plasterboard 100mm	4.9		No Insulation	Ceramic Tiles 8mm
Ens 1/Ens 2	Concrete Above Plasterboard 100mm	12.1		No Insulation	Ceramic Tiles 8mm
Ens 1	Concrete Slab on Ground 100mm	1.2	None	No Insulation	Ceramic Tiles 8mm
Store 1	Concrete Slab on Ground 100mm	3.5	None	No Insulation	Carpet 10mm
Store 2/Garage	Concrete Above Plasterboard 100mm	1.9		Bulk Insulation R2	Carpet 10mm
Bedroom 3.1	Concrete Slab on Ground 100mm	10.6	None	No Insulation	Carpet 10mm
Ens 3	Concrete Slab on Ground 100mm	6.7	None	No Insulation	Ceramic Tiles 8mm
Stair 2.1	Concrete Slab on Ground 100mm	3.2	None	No Insulation	Carpet 10mm
Media 2	Concrete Slab on Ground 100mm	23.5	None	No Insulation	Carpet 10mm

Ceiling type

Location	Construction	Added insulation	Roof space above
Entry	Concrete, Plasterboard	No insulation	No
Entry	Concrete Above Plasterboard	No Insulation	No
Wet Room	Concrete, Plasterboard	No insulation	No
Wet Room	Concrete Above Plasterboard	No Insulation	No
Stairs Basement	Concrete, Plasterboard	No insulation	No
Stairs Basement	Concrete Above Plasterboard	No Insulation	No
Lift Basement	Concrete, Plasterboard	No insulation	No
Lift Basement	Concrete Above Plasterboard	No Insulation	No

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Garage	Concrete, Plasterboard	Bulk Insulation R2	No
Garage	Concrete Above Plasterboard	Bulk Insulation R2	No
Sitting Room	Plasterboard	Bulk Insulation R4	Yes
Sitting Room	Timber Above Plasterboard	No Insulation	No
Sitting Room	Timber Above Plasterboard	No Insulation	No
Stair 1	Concrete, Plasterboard	No insulation	Yes
Stair 1	Concrete Above Plasterboard	No Insulation	No
Stair 2	Concrete Above Plasterboard	No Insulation	No
Stair 2	Concrete Above Plasterboard	No Insulation	No
Lift 1	Concrete Above Plasterboard	No Insulation	No
WC 1	Concrete Above Plasterboard	No Insulation	No
Bedroom 2	Concrete Above Plasterboard	No Insulation	No
Ens 2	Concrete Above Plasterboard	No Insulation	No
Wir 2	Concrete Above Plasterboard	No Insulation	No
Media room	Concrete Above Plasterboard	No Insulation	No
Bedroom 3	Concrete Above Plasterboard	No Insulation	No
Ens 3	Concrete Above Plasterboard	No Insulation	No
Living/Dining	Plasterboard	Bulk Insulation R4	No
Kitchen	Plasterboard	Bulk Insulation R4	No
Stair 3	Plasterboard	Bulk Insulation R4	No
Living/Dining	Plasterboard	Bulk Insulation R4	No
Lift FF	Plasterboard	Bulk Insulation R4	No
Bedroom 1	Plasterboard	Bulk Insulation R4	No
WIR	Plasterboard	Bulk Insulation R4	No
Sewing Room	Plasterboard	Bulk Insulation R4	No
WC	Plasterboard	Bulk Insulation R4	No
Laundry	Plasterboard	Bulk Insulation R4	No
Butlers	Plasterboard	Bulk Insulation R4	No
Ens 1	Plasterboard	Bulk Insulation R4	No
Store 1	Concrete Above Plasterboard	No Insulation	No
Store 2	Concrete Above Plasterboard	No Insulation	No
Bedroom 3.1	Concrete Above Plasterboard	No Insulation	No
Ens 3	Concrete Above Plasterboard	No Insulation	No
Stair 2.1	Concrete Above Plasterboard	No Insulation	No
Media 2	Concrete Above Plasterboard	No Insulation	No

Nationwide House Energy Rating Scheme* Certificate

Certificate number: **0004148060-02**

Certificate Date:

08 Jan 2020

★ Star rating:

5.2



Building features continued

Ceiling penetrations

Location	Number	Type	Diameter (mm)	Sealed/unsealed
Living/Dining	1	Chimneys	0	Sealed

Ceiling fans

Location	Number	Diameter (mm)
None Present		

Roof type

Construction	Added insulation	Roof colour
Waterproofing Membrane	No Insulation, Only an Air Gap	Light
Corrugated Iron	Bulk, Reflective Side Down, Anti-glare Up R1.8	Light
Corrugated Iron	Bulk, Reflective Side Down, Anti-glare Up R1.8	Light

Nationwide House Energy Rating Scheme* Certificate

Certificate number: 0004148060-02

Certificate Date: 08 Jan 2020

★ Star rating: 5.2



Additional information

- *The dwelling has been assessed without recessed light fittings as no lighting or electrical plan has been provided.
- *The roof colour has not been specified in the design documentation, hence the dwelling has been modelled with light colour as the worst case scenario.
- *Obscure glazing has been modelled as clear glass as it has similar thermal properties.

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