

# Nationwide House Energy Rating Scheme\* — Class 2 summary



Certificate number: **0005522930**

Certificate Date: **11 Jul 2021**

★ Average Star rating: **6.6**

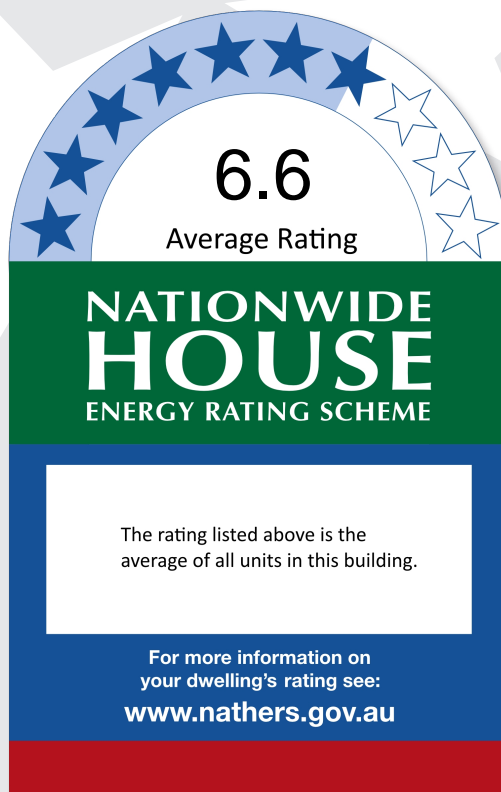
## Assessor details

Accreditation number: **20322**  
Name: **Peter Waller**  
Organisation: **BASIX Certificate Centre**  
Email: **peter@basixcertificatecentre.com.au**  
Phone: **02 90292052**  
Declaration of interest: **No potential conflicts of interest to declare**  
Software: **AccuRate Sustainability V2.3.3.13 SP4**  
  
AAO: **ABSA**

## Dwelling details

Street: **2 Wentworth Street**  
Suburb: **Point Piper**  
State: **NSW**  
Postcode: **2027**

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



## Summary of all dwellings

### Certificate Details

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0004490264-03	1	21.5	18.4	39.8	6.9
0004490298-03	2	21.3	18.1	39.4	6.9
0004490306-03	3	19.3	18.1	37.4	7.1
0004490330-03	4	20.6	13.3	33.9	7.4
0005258264-02	6	29.8	26.5	56.2	5.6
0004490249-03	O	35.3	24.4	59.7	5.4

# Nationwide House Energy Rating Scheme\* Certificate

Certificate number: 0005258264-02

Certificate Date: 11 Jul 2021

★ Star rating: 5.6



## Assessor details

Accreditation number: **20322**  
Name: **Peter Waller**  
Organisation: **BASIX Certificate Centre**  
Email: **peter@basixcertificatecentre.com.au**  
Phone: **02 90292052**  
Declaration of interest: **No potential conflicts of interest to declare**  
Software: **AccuRate Sustainability V2.3.3.13 SP4**  
AAO: **ABSA**

## Overview

### Dwelling details

Street: **Unit 6, 2 Wentworth Street**  
Suburb: **Point Piper**  
State: **NSW** Postcode: **2027**  
Type: **New** NCC Class: **2**  
NatHERS climate zone: **56**  
Lot/DP number: **Lot 1 DP 773310** Exposure: **Open**

### Key construction and insulation materials

(see following pages for details)

Construction: **Double Brick wall**  
**Sandstone/Concrete roof/Plasterboard Slab/Plasterboard**  
Insulation: **R2.0 wall insulation**  
**Ceiling (uninsulated)**  
**Floor (uninsulated)**  
Glazing: **Aluminium B DG Air Fill Clear-Clear**

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

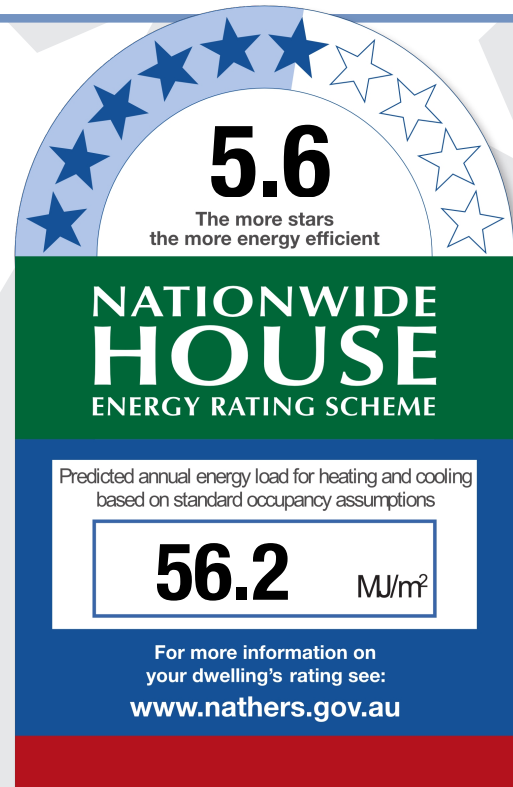
Conditioned: **346.0**  
Unconditioned: **8.5**  
Garage:   
TOTAL: **354.5**

### Annual thermal performance loads (MJ/m<sup>2</sup>)

Heating: **29.8**  
Cooling: **26.5**  
TOTAL: **56.2**

### Plan documents

Plan ref/date: **3416 DA**  
Prepared by: **MC**



### Ceiling penetrations

(see following pages for details)

Sealed: **83**  
Unsealed: **0**  
TOTAL:\*\* **83**

\*\*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: **Light-emitting diode (LED)**

### Window selection - default windows only

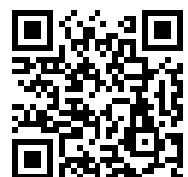
Note on allowable window values: With a 10% tolerance to the nominated SHGC window values shown on page 2, the following ratings are achieved:

-10% SHGC **5.4**  
+10% SHGC **5.8**

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.**

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## Building features

### Window type and performance value

Window ID	Window type	U-value	SHGC
ALM-003-01 A	DEFAULTS: Aluminium A DG Air Fill Clear-Clear	4.8	0.51
ALM-004-01 A	DEFAULTS: Aluminium B DG Air Fill Clear-Clear	4.8	0.59

### Window schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Orientation	Outdoor shade
Master (Was Living)	ALM-004-01 A	ASW2830	2849	3000	S	None
Master (Was Living)	ALM-003-01 A	ACW2812	2849	1199	SW	None
Master (Was Living)	ALM-004-01 A	ASD2849	2849	4850	W	None
Master (Was Living)	ALM-003-01 A	ACW2812	2849	1199	NW	None
Master (Was Living)	ALM-004-01 A	ASW2825	2849	2500	NW	None
Master (Was Living)	ALM-003-01 A	ACW2808	2849	799	NE	None
Master (Was Living)	ALM-003-01 A	ACW2808	2849	799	E	None
EM Ensuite (Was Kitchen)	ALM-004-01 A	ASW1941	1950	4099	N	None
Hall Entry	ALM-003-01 A	ACW2010	2055	1000	E	None
E3	ALM-003-01 A	CIR0707	710	710	S	None
E3	ALM-003-01 A	CIR0404	443	443	W	None
B3	ALM-003-01 A	ACW2005	2055	500	N	None
B3	ALM-004-01 A	ASD2827	2849	2700	E	None
E1	ALM-003-01 A	ACW2810	2849	1000	NW	None
E1	ALM-003-01 A	ACW2810	2849	1000	NW	None
B1 (Was Master)	ALM-003-01 A	ACW2813	2849	1350	NE	None
B1 (Was Master)	ALM-003-01 A	ACW2813	2849	1350	E	None
B1 (Was Master)	ALM-004-01 A	ASD2830	2849	3000	E	None
B1 (Was Master)	ALM-003-01 A	ACW2810	2849	1000	W	None
B2	ALM-004-01 A	ASD2827	2849	2700	E	None
B2	ALM-003-01 A	ACW2006	2055	600	S	None
Laundry (Was Powder)	ALM-003-01 A	ACW2010	2055	1000	E	None
Kitchen	ALM-004-01 A	AFW2820	2849	1999	NE	None
Kitchen	ALM-004-01 A	AFW2820	2849	1999	E	None
Kitchen	ALM-004-01 A	ASD2853	2849	5299	E	None
Kitchen	ALM-004-01 A	ASW2041	2050	4100	NW	None
Living	ALM-004-01 A	ASD2876	2849	7600	E	None
Living	ALM-004-01 A	ASW2070	2050	6999	N	None
Living	ALM-004-01 A	ASD2863	2849	6299	W	None
Living	ALM-004-01 A	ASW2046	2050	4650	NW	None
Living	ALM-004-01 A	ASW2050	2050	4999	S	None
Living	ALM-004-01 A	AFW2817	2849	1759	S	None
Powder	ALM-004-01 A	ALW2007	2050	780	E	None
Powder	ALM-004-01 A	ASW2010	2050	1050	S	None

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## Building features continued

### Roof window and skylight type and performance value

ID	Window type	U-value	SHGC
None Present			

### Roof window and skylight schedule

Location	ID	Roof window/skylight no.	Area (m²)	Orientation	Outdoor shade	Indoor shade/diffuser
None Present						

### External wall type

ID	Wall type	Insulation	Wall wrap or foil
EW-001	Brick wall	Polyurethane rigid foamed aged: R2.0	No
EW-002	Brick wall/Soil (average)	Polyurethane rigid foamed aged: R2.0	No

### External wall schedule

Location	ID	Width (mm)	Height (mm)	Orientation	Fixed Shade	Eaves (mm)
Master (Was Living)	EW-001	4400	2850	S	No	
Master (Was Living)	EW-001	1200	2850	SW	Yes	5400
Master (Was Living)	EW-001	6500	2850	W	Yes	5400
Master (Was Living)	EW-001	1200	2850	NW	No	
Master (Was Living)	EW-001	7500	2850	NW	No	
Master (Was Living)	EW-001	800	2850	NE	No	
Master (Was Living)	EW-001	800	2850	E	No	
Master (Was Living)	EW-001	700	2850	E	Yes	4100
EM Ensuite (Was Kitchen)	EW-001	4100	2850	N	Yes	700
Hall Entry	EW-001	1100	2850	E	No	
E3	EW-001	2500	2850	S	No	
E3	EW-001	500	2850	SW	No	
E3	EW-001	1000	2850	W	No	
B3	EW-001	1000	2850	N	No	
B3	EW-001	700	2850	NE	No	
B3	EW-001	4500	2850	E	No	
B3	EW-001	500	2850	SE	No	
B3	EW-001	2800	2850	S	No	
E1	EW-001	1500	2850	W	No	
E1	EW-001	5500	2850	NW	No	
B1 (Was Master)	EW-001	1500	2850	NE	No	
B1 (Was Master)	EW-001	1850	2850	E	No	
B1 (Was Master)	EW-001	6200	2850	E	No	
B1 (Was Master)	EW-001	3600	2850	NW	No	

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## Building features continued

B1 (Was Master)	EW-001	3300	2850	W	Yes	4100
B2	EW-001	3200	2850	E	No	
B2	EW-001	700	2850	SE	No	
B2	EW-001	1800	2850	S	No	
B2	EW-001	300	2850	E	No	
Laundry (Was Powder)	EW-001	1100	2850	E	No	
Kitchen	EW-002	1200	600	W	No	
Kitchen	EW-001	1200	2250	W	No	
Kitchen	EW-001	2300	2850	W	No	
Kitchen	EW-001	2000	2850	NE	No	
Kitchen	EW-001	2000	2850	E	No	
Kitchen	EW-001	5300	2850	E	No	
Kitchen	EW-002	6000	600	NW	No	
Kitchen	EW-001	6000	2250	NW	No	
Living	EW-001	7700	2850	E	No	
Living	EW-002	7000	600	N	No	
Living	EW-001	7000	2250	N	No	
Living	EW-001	6300	2850	W	No	
Living	EW-002	4650	600	NW	No	
Living	EW-001	4650	2250	NW	No	
Living	EW-002	5000	600	S	No	
Living	EW-001	5000	2250	S	No	
Living	EW-001	1760	2850	S	No	
Powder	EW-002	800	600	E	No	
Powder	EW-001	800	2250	E	No	
Powder	EW-002	4000	600	S	No	
Powder	EW-001	4000	2250	S	No	
Powder	EW-001	800	2850	W	No	

## Internal wall type

ID	Wall type	Area (m²)	Insulation	Wall wrap or foil
IW-001	Brick wall	222.0		No
IW-003	Brick wall	44.2		No
IW-005	Plasterboard	5.1		No
IW-006	Concrete block	39.3		No

## Floors

Location	Construction	Area (m²)	Sub floor ventilation	Added insulation	Covering
Master (Was Living)/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	59.3			Ceramic tile
EM Ensuite (Was Kitchen)/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	14.7			Ceramic tile

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## Building features continued

Hall Entry/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	27.4	Ceramic tile
E2/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	4.5	Ceramic tile
E3/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	4.4	Ceramic tile
B3/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	18.1	Ceramic tile
E1/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	14.2	Ceramic tile
B1 (Was Master)/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	41.7	Ceramic tile
B2/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	16.1	Ceramic tile
Laundry (Was Powder)/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	2.9	Ceramic tile
Kitchen/B2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	4.3	Ceramic tile
Kitchen/E2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	4.5	Ceramic tile
Kitchen/B1 (Was Master)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	22.7	Ceramic tile
Kitchen/E1	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	7.2	Ceramic tile
Living/Master (Was Living)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	45.0	Ceramic tile
Living/EM Ensuite (Was Kitchen)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	13.7	Ceramic tile
Living/Hall Entry	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	27.4	Ceramic tile
Living/B2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	6.8	Ceramic tile
Living/B3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	7.0	Ceramic tile
Living/Laundry (Was Powder)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	2.9	Ceramic tile
Living/Neighbour	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	7.6	Ceramic tile
Living/Outdoor Air	170mm Concrete Floor slab with tile (no insul) No ceiling under	1.0	Ceramic tile

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## Building features continued

Powder/B3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	2.3	Ceramic tile
Powder/E3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under	3.3	Ceramic tile

## Ceiling type

Location	Construction	Added insulation	Roof space above
Living/Master (Was Living)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Living/EM Ensuite (Was Kitchen)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Living/Hall Entry	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Kitchen/E2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Powder/E3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Living/B3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Powder/B3	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Kitchen/E1	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Kitchen/B1 (Was Master)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Kitchen/B2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Living/B2	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No
Living/Laundry (Was Powder)	170mm Concrete Floor slab with tile (no insul) Plasterboard ceiling under		No

## Ceiling penetrations

Location	Number	Type	Diameter (mm)	Sealed/unsealed
Master (Was Living)	24	Downlight		Sealed
EM Ensuite (Was Kitchen)	6	Downlight		Sealed
Hall Entry	10	Downlight		Sealed
E2	2	Downlight		Sealed
E2	1	Ceiling exhaust fan	200	Sealed
E3	2	Downlight		Sealed
B3	7	Downlight		Sealed
E1	6	Downlight		Sealed
B1 (Was Master)	16	Downlight		Sealed
B2	6	Downlight		Sealed
	2	Downlight		Sealed

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### Building features continued

Laundry (Was Powder)

Kitchen	16	Downlight	Sealed
Living	44	Downlight	Sealed
Powder	2	Downlight	Sealed

### Ceiling fans

Location	Number	Diameter (mm)
None Present		

### Roof type

Construction	Added insulation	Roof colour
Pebbles + Concrete slab 200mm - WP Membrane surface - R3.0 insulation under slab - Susp. Ceiling under	R3.0	Light
as_ROOF-B013.rof #2016 © Concrete slab 200mm - Drained Tile walking surface - R3.0 insulation under slab - Susp. Ceiling under	R3.0	Medium
600mm Soil over 200mm concrete slab roof + plasterb'd ceiling under + R3.0	R3.0	Medium

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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](http://www.nathers.gov.au)

For more information on energy efficient design and insulation visit [www.yourhome.gov.au](http://www.yourhome.gov.au)