

**NatHERS Thermal Performance Specifications (BASIX Thermal Comfort)
16-24 Hope Street, Penrith**

These are the specifications upon which the NatHERS assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project.

Windows	Glass	Frame	U value	SHGC	Detail
Default	Single glazed, clear	Aluminium	6.7	0.57	Generally for window types (except where noted below): Awning, bi-fold, casement, tilt 'n' turn
Default	Single glazed, clear	Aluminium	6.7	0.70	Generally for window types (except where noted below):: Sliding window/ door, double hung, fixed, louvre
Default	Single glazed, low E high solar gain	Aluminium	5.4	0.58	To units: 01 – living room east and all bedroom glazing 02, 28, 66 – living room south glazing 35, 40, 73 - all glazing 39 – living room west and all bedroom glazing
Default	Double glazed, low e high solar gain	Aluminium	4.3	0.53	To units: 01, 39 – living room south glazing

Skylights	Glass	Frame	U value	SHGC	Detail
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External walls	Construction	Added Insulation	Detail
Hebel + stud		R 2.5	Generally

Internal walls	Construction	Added Insulation	Detail
Plasterboard on studs		None	Walls within units
Hebel + stud		None	Walls between units
Hebel + stud		R 1.0	Walls separating units from common lobbies / services areas
Hebel + stud		R 1.5	To unit 40 - walls separating unit from common lobbies / services areas
Concrete		R 1.0	Walls separating units from common stairwells, lift shafts

Floors	Construction	Added Insulation	Detail
Concrete		None	Generally
Concrete		R 1.0	To units: 4, 5, 6, 41, 42, 43, 44
Concrete		R 2.0	To units: 1, 2, 3, 10, 39, 40, 46, 47

Ceilings	Construction	Added Insulation	Detail
Plasterboard		(see roof detail below)	

Roof	Construction	Added Insulation	Detail
Concrete		R 1.0	To units: 28, 29, 30, 31, 32, 33, 34, 66, 67, 68, 69, 70, 71, 72
Concrete		R 2.5	To units: 35, 36, 37, 38, 73, 74, 75, 76

Other Requirements

All exhaust fans and downlights (if installed) to be **sealed** to prevent air-infiltration



Certificate no.: 0003036700
 Assessor Name: Robert Mallindine
 Accreditation no.: VIC/BDAV/12/1475
 Certificate date: 03 August 2018

Dwelling Address:
 16-24 Hope Street
 Penrith, NSW
 2750

www.nathers.gov.au



Nationwide House Energy Rating Scheme* — Class 2 summary

Certificate number: **0003036700**

Certificate Date: **03 Aug 2018**

★ Average Star rating: **7.4**



Assessor details

Accreditation

number: **VIC/BDAV/12/1475**

Name: **Robert Mallindine**

Organisation: **Designview Pty Ltd**

Email: **ag@agac.cc**

Phone: **02 8860 0036**

Declaration of interest: **No potential conflicts of interest to declare**

Software: **AccuRate Sustainability V2.3.3.13 SP3**

AAO: **BDAV**



Dwelling details

Street: **16-24 Hope Street**

Suburb: **Penrith**

State: **NSW**

Postcode: **2750**

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
0003034436	1	62.0	14.0	77.0	6.5
0003034428	2	58.0	15.0	73.0	6.7
0003034444	3	52.0	24.0	76.0	6.5
0003034469	4	55.0	14.0	68.0	6.9
0003034451	5	51.0	13.0	64.0	7.1
0003034477	6	48.0	13.0	61.0	7.2
0003034493	7	58.0	18.0	76.0	6.5
0003034501	8	41.0	16.0	57.0	7.4
0003034485	9	37.0	25.0	62.0	7.2
0003034519	10	14.0	26.0	39.0	8.2
0003034527	11	17.0	15.0	32.0	8.6
0003034543	12	18.0	15.0	33.0	8.6
0003034535	13	18.0	16.0	34.0	8.5
0003034568	14	58.0	17.0	75.0	6.6
0003034550	15	41.0	16.0	57.0	7.4

* Nationwide House Energy Rating Scheme (NatHERS) is an initiative of the Australian, state and territory governments.

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Certificate number: **0003036700**

Certificate Date:

03 Aug 2018

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Summary of all dwellings continued

Certificate Details

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003034584	16	38.0	25.0	63.0	7.2
0003034600	17	5.0	27.0	32.0	8.6
0003034576	18	18.0	15.0	33.0	8.6
0003034592	19	18.0	15.0	33.0	8.5
0003034626	20	18.0	16.0	34.0	8.4
0003034634	21	57.0	17.0	75.0	6.6
0003034618	22	42.0	16.0	58.0	7.4
0003034642	23	38.0	25.0	63.0	7.1
0003034667	24	5.0	27.0	32.0	8.6
0003034675	25	18.0	15.0	33.0	8.6
0003034659	26	18.0	15.0	33.0	8.5
0003034691	27	18.0	17.0	35.0	8.4
0003034683	28	62.0	21.0	83.0	6.2
0003034717	29	47.0	18.0	65.0	7
0003034725	30	57.0	36.0	93.0	5.7
0003034709	31	17.0	40.0	58.0	7.4
0003034758	32	19.0	21.0	40.0	8.2
0003034741	33	19.0	21.0	40.0	8.2
0003034733	34	30.0	27.0	57.0	7.4
0003034774	35	63.0	32.0	95.0	5.7
0003034766	36	58.0	48.0	105.0	5.3
0003034782	37	26.0	46.0	71.0	6.8
0003034790	38	27.0	48.0	74.0	6.6
0003034808	39	62.0	14.0	76.0	6.5
0003034824	40	59.0	21.0	80.0	6.3
0003034816	41	54.0	14.0	68.0	6.9
0003034832	42	50.0	13.0	64.0	7.1
0003034857	43	50.0	13.0	64.0	7.1
0003034840	44	48.0	13.0	61.0	7.2
0003034881	45	58.0	18.0	76.0	6.6
0003034865	46	45.0	15.0	61.0	7.2
0003034873	47	60.0	24.0	84.0	6.2
0003034899	48	7.0	28.0	35.0	8.4
0003036423	49	17.0	15.0	32.0	8.6
0003036431	50	17.0	15.0	33.0	8.6
0003036472	51	14.0	15.0	29.0	8.7
0003036506	52	58.0	18.0	77.0	6.5
0003036522	53	41.0	16.0	57.0	7.4
0003036456	54	43.0	26.0	68.0	6.9
0003036480	55	8.0	28.0	36.0	8.4
0003036498	56	18.0	15.0	33.0	8.6
0003036514	57	18.0	15.0	33.0	8.5
0003036449	58	14.0	15.0	30.0	8.7

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Certificate Date:

03 Aug 2018

★ Average Star rating: **7.4**

Summary of all dwellings continued

Certificate Details

Certificate number	Unit number	Heating load	Cooling load	Total load	Star Rating
0003036464	59	58.0	18.0	76.0	6.6
0003036548	60	42.0	16.0	57.0	7.4
0003036530	61	43.0	25.0	68.0	6.9
0003036555	62	8.0	28.0	36.0	8.4
0003036563	63	17.0	15.0	32.0	8.6
0003036571	64	18.0	16.0	33.0	8.5
0003036597	65	14.0	16.0	30.0	8.7
0003036589	66	63.0	21.0	84.0	6.1
0003036621	67	47.0	17.0	64.0	7.1
0003036605	68	61.0	35.0	96.0	5.6
0003036613	69	21.0	37.0	58.0	7.4
0003036647	70	19.0	21.0	40.0	8.2
0003036639	71	20.0	21.0	41.0	8.1
0003036662	72	26.0	26.0	52.0	7.6
0003036670	73	63.0	33.0	96.0	5.6
0003036654	74	61.0	42.0	103.0	5.3
0003036696	75	27.0	42.0	69.0	6.9
0003036688	76	26.0	49.0	75.0	6.6