

Date Issued: 8/05/2019

NatHERS Building Thermal Modelling Performance Specifications

Development: 9-11 Gibson Avenue, Werrington NSW 2747

These are the specifications upon which the certified 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. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents.

Thermal Modelling Software: BERS Pro v4.3.0.2b(3.13)

Windows and Skylights

Description	Type	U Value	SHGC
All windows	Aluminium frame single glazed clear	6.70	0.70

Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 5% higher or lower, than the U and SHGC values of the product specified above.

External and Internal Walls

Description	Type	Insulation	Colour - Solar Abs
All external walls	Brick Veneer, Metal Cladding	R 2.5	Medium SA 0.475 - 0.7
All internal walls	Plasterboard	N/A	
All party walls	Single Skin Brick	R 1.5	

Floors, Ceilings and Roofs

Description	Construction	Insulation	Covering-Solar Abs
All floors on top of unconditioned spaces	Framed	R 1.0	
All other floors	Wafflepod and Framed	N/A	
All ceilings under another floor	Framed	N/A	
All ceilings under open air	Plasterboard	R 3.5	
All roofs	Metal Cladding	N/A	Medium SA 0.475 - 0.7

Electrical services designer and installer must make sure that approved fireproof down-light covers, which can be fully covered by insulation, are specified and deployed during construction for all down-lights installed on the ceilings where insulation is specified and installed.

True North Orientation: 10
Terrain Category: Suburban
Seals on Windows and Doors: Yes
Lighting Design Plans Provided: No
Climate Zone: 28

Nationwide House Energy Rating Scheme* — Multiple-dwelling summary

Certificate number: **0003844700**

Certificate Date: **09 May 2019**

★ Average Star rating: **6.6**



Assessor details

Accreditation number: **VIC/BDAV/12/1462**
Name: **Manuel Basiri**
Organisation: **Eco Certificates Pty Ltd**
Email: **info@ecocertificates.com.au**
Phone: **1300162436**
Declaration of interest: **None**
Software: **BERS Pro v4.3.0.2d (3.13)**
AAO: **BDAV**

Dwelling details

Street: **9-11 Gibson Avenue**
Suburb: **Werrington**
State: **NSW**
Postcode: **2747**

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



Summary of all dwellings

Certificate Details

Certificate number	Dwelling/Unit number	Heating load	Cooling load	Total load	Star Rating
0003844636	1	45.7	43.0	88.7	5.9
0003844602	2	55.6	40.1	95.7	5.7
0003844586	3	42.0	31.3	73.3	6.7
0003844685	4	36.3	21.8	58.1	7.4
0003844669	5	47.0	32.0	79.1	6.4
0003844644	6	49.1	30.6	79.7	6.4
0003844610	7	47.3	35.5	82.8	6.3
0003844560	8	41.3	33.0	74.3	6.7
0003844677	9	37.7	33.0	70.7	6.8
0003844651	10	42.8	31.8	74.7	6.7
0003844628	11	40.8	30.8	71.6	6.8
0003844594	12	39.6	34.1	73.7	6.7
0003844578	13	38.4	32.7	71.1	6.8

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

For more details see www.nathers.gov.au