

Assessor Certificate

Assessed and issued in accordance with the BASIX Thermal Comfort Protocol for the Simulation Method



Date:	9 September 2020	BSA File ref:	16042
Assessor			
Name:	Gavin Chambers	Company:	Building Sustainability Assessments
Assessor #:	DMN/13/1491		
Address:	7 William Street, HAMILTON NSW 2303		
Phone:	(02) 4962 3439	Email:	enquiries@buildingsustainability.net.au
Declaration of interest in the project design:	None		
Project			
Address:	23 Howard Avenue DEE WHY NSW 2099		
Assessment			
Software:	BERS Pro 4.4	BERS File Run Ref:	16042 - R_1
Documentation			
All details, upon which this assessment has been based, are included in the project documentation that has been stamped and signed by the Assessor issuing this certificate, as identified below:			
Drawings used for this assessment: (Title, Ref.#, Revision, Issue date, etc)			
Walsh2 Architect fro Snell 24.08.2020 A			

Thermal Performance Specification (copy below) is attached to the drawings and is on page:
DA100

August 2020		BSA Reference: 16042	
Building Sustainability Assessments		Ph: (02) 4962 3439	
enquiries@buildingsustainability.net.au		www.buildingsustainability.net.au	
Important Note			
The following specification was used to achieve the thermal performance values indicated on the Assessor Certificate and takes precedence over any other specification. If different construction elements are applied then the Assessor Certificate is no longer valid.			
Thermal Performance Specifications for unit 1B (does not apply to garage)			
External Wall Construction		Added Insulation	
Double Brick		R1.0	
Internal Wall Construction		Added Insulation	
Plasterboard on studs		None	
Concrete Block + stud + Pasterboard (party walls)		None	
Ceiling Construction		Added Insulation	
Plasterboard		None	
Roof Construction		Added Insulation	
Concrete	Any	None	
Floor Construction		Added Insulation	
Concrete	As drawn	None	
Windows	Glass and frame type	U Value	SHGC Range Area sq m
ALM-001-01 A	Aluminium A SG Clear	6.70	0.51 - 0.63 As drawn
ALM-002-01 A	Aluminium B SG Clear	6.70	0.63 - 0.77 As drawn
Type A windows are awning windows, bifolds, casements, tilt 'n' turn windows, entry doors, french doors Type B windows are double hung windows, sliding windows & doors, fixed windows, stacker doors, louvers			
Skylights	Glass and frame type	U Value	SHGC Area sq m
U and SHGC values are according to AFRC. Alternate products may be used if the U value is lower and the SHGC is within the range specified			
External Window Shading (eaves, verandahs, pergolas, awnings etc)			
All shade elements modelled as drawn			
Ceiling Penetrations (downlights, exhaust fans, flues etc)			
No adjustment has been made for losses to insulation arising from ceiling penetrations.			

BASIX Project Details

(enter these details on the Site Details page)

Conditioned Floor Area: **47** m²

Unconditioned Floor Area: **0** m²

BASIX Thermal Comfort Details

(enter these details on the Assessor Details page)

Assessor Number: **DMN/13/1491**

Certificate Number: **0005185459**

Climate Zone: **56**

(enter these details on the Construction page)

Concrete slab on ground: - m²

Suspended floor open subfloor: - m²

Suspended floor enclosed subfloor: - m²

Suspended floor above garage: -

(enter these details on the Thermal Loads page)

Heating: **31** (MJ/m²/annum)

Cooling: **14** (MJ/m²/annum)

Total: **45** (MJ/m²/annum)

Stars: **6.4** (NatHERS)

Stamp here

