

# Assessor Certificate

## Multiple Dwellings

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



Date:	18 November 2021	BSA File ref:	9739
<b>Assessor</b>			
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		
<b>Project</b>			
Address:	98 - 102 Albert Street REVESBY NSW 2212		
Climate Zone:	56		
<b>Assessment</b>			
Software:	BERS Pro 4.4	Ceiling fans used in the modelling:	Living areas: None, Bedrooms: None
<b>Documentation</b>			

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)

Barry Rush & Associates Pty Ltd Project No. BGGXT 20.10.21 8

### Thermal Performance Specification (copy on page 2)


Attached to the drawings and is on page: A07



Thermal performance specifications			Certificate #		0005174310	Page 1 of 3
Unit No.	Floor Areas		Predict. loads (MJ/M²/y)		Star Rating	Basix Floor Type and Area m²
	Cond.	Uncond.	Heat	Cool		
1	53	0	42	7	6.3	
2	53	0	16	13	7.8	
3	53	0	18	8	7.9	
4	53	0	16	16	7.5	
5	66	9	18	9	7.9	SOG: 75,
6	66	9	18	8	8.0	SOG: 75,
7	66	9	20	12	7.4	SOG: 75,
8	66	9	24	17	6.9	SOG: 75,
9	66	9	26	13	6.9	SOG: 75,
10	66	9	19	8	7.9	SOG: 75,
11	53	0	37	7	6.6	
12	53	0	23	14	7.2	
13	53	0	39	8	6.4	
14	53	0	25	15	6.9	
15	53	0	10	9	8.6	



September 2021		BSA Reference: 9739		
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If different construction elements are applied then the Assessor Certificate is no longer valid.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 (does not apply to garage)				
External Wall Construction		Added Insulation		
Brick Veneer & Lightweight		R2.0		
Cavity Brick		R1.0		
Internal Wall Construction		Added Insulation		
Plasterboard on studs and brick		none		
Cavity Brick (party walls)		none		
Ceiling Construction		Added Insulation		
Plasterboard		R3.5 to ceilings adjacent to roof space		
Roof Construction		Colour	Added Insulation	
Metal		Any	Foil + R1.0 blanket	
Floor Construction		Covering	Added Insulation	
Concrete		As drawn	None	
Windows	Glass and frame type	U Value	SHGC Range	Area sq m
ALM-001-01 A	Aluminium Type A Single clear	6.70	0.51 - 0.63	As drawn
ALM-002-01 A	Aluminium Type B Single 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, louvres				
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.				




**0005174310 18 Nov 2021**

**Assessor** Gavin Chambers

**Accreditation No.** DMN13/1491

**Address**

98 - 102 Albert Street ,  
Revesby , NSW , 2212



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