

Assessor Certificate

Multiple Dwellings

Certificate Version 6.1. Prior versions not valid after 1 March 2006

Issued in accordance with
BASIX Thermal Comfort Simulation Method.




Assessor			
Name:	Rochelle Phillis	Company:	Cundall
ABSA #:	60865		
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Phone:	02 8424 7000	Fax:	
Email:	r.phillis@cundall.com.au		
Declaration of interest:	Design advise		
Client			
Name:	Paul Clark	Company:	Lipman Pty Ltd
Address:			
Phone:	02 9955 7000	Fax:	
Email:	paul.clark@lipman.com.au		
Project			
Address:	128 Herring Rd Macquarie Park		
Applicant:	LGA: Ryde City Council		
Assessment			
Date:	22/03/2011	File ref:	
Software:	AccuRate		Version: V1.1.4.1
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:			
Thermal Performance Spec:			
Attached to drawing A215			
Drawings: (Title, Ref.#, Revision, Issue date, etc)			
A214 - A226, A241-A244			
Building Specifications: (Title, Ref.#, Revision, Issue date, etc)			



ABSA Assessor Certificate		Assessor # 60865		Certificate # 20275373		Issued: 22/03/2011	
Thermal performance specifications						Page 1 of 1	
Unit number(s)	Certificate number	Floor area (M ²)		Predict. loads (MJ/M ² /y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
0.6	20275373	91.3	0	0.7	18.4		
0.7	22461381	98.9	0	14.9	13.4		
1.3, 2.3, 3.3, 4.3	65728987	48.7	0	25.8	32.8		
1.4, 1.9, 2.4, 2.9, 3.4, 3.9, 4.4	72886779	39.8	0	0	40.6		
1.10, 2.10, 3.10	72867428	58.3	0	0.6	19.4		
1.11, 2.11	59675596	48.6	0	0.2	20.6		
1.12, 2.12	51068984	48.4	0	32.2	29		
3.12, 4.11	51068984	52.4	0	29.4	13.2		
10.2, 11.2	61435636	133.1	0	10.2	13.1		
10.6, 11.6	63542151	82.8	0	24.4	13.2		

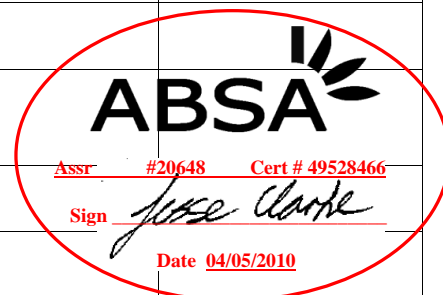
ABSA Assessor Certificate		Assessor # 20648		Certificate # 20275373		Issued: 04/05/2010	
Thermal performance specifications						Page 2 of 2	
Unit number(s)	Certificate number	Floor area (M ²)		Predict. loads (MJ/M ² /y)		Concessions	Qualify for ventilation bonus
		Cond.	Uncond.	Heat	Cool (Sens & Lat)		
0.3, 1.6, 2.6, 3.6, 4.6, 5.5, 6.5, 7.5, 8.5, 9.4	45343706	61.5	8.9	22.6	17		
0.4, 1.7, 2.7, 3.7, 4.7, 5.6, 6.6, 7.6, 8.6, 9.5	41621001	61.5	8.9	10.5	22.2		
0.5, 1.8, 2.8, 3.8, 4.8, 5.7, 6.7, 7.7, 8.7, 9.6	82143985	55.3	7.3	11.4	26.3		
0.8, 1.13, 2.13	15427285	62.8	11.4	28.7	26.6		
0.9, 1.14, 2.14, 3.13, 4.12, 5.11, 6.11, 7.11, 8.11	97022137	82.9	20	22.5	27.8		
1.1, 2.1, 3.1, 4.1, 5.1, 6.1, 7.1, 8.1	83266634	51.1	7.7	20.2	26.1		
1.2, 2.2, 3.2, 4.2, 5.2, 6.2, 7.2, 8.2	99564584	80.1	12	41.4	16.3		
1.5, 2.5, 3.5, 4.5, 5.4, 6.4, 7.4, 8.4, 9.3	83540250	50	7.3	9.8	18.4		
3.11, 4.10, 5.9, 6.9, 7.9, 8.9, 9.8	89431211	92.3	26.4	15.8	24.2		
4.9, 5.8, 6.8, 7.8, 8.8, 9.7, 10.5, 11.5	46414144	86	14	15	20.9		
5.10, 6.10, 7.10, 8.10	43521211	50.1	8	30.8	28.1		
5.3, 6.3, 7.3, 8.3, 9.2	36278685	88.2	8.6	26.9	22.6		
9.1, 10.1, 11.1	66748068	130.6	26.1	39.6	18.8		
9.9, 10.7, 11.7	27254965	125.8	26.8	45.6	21.9		
10.3, 11.3,	49528466	89.2	14.4	15	19.9		
10.4, 11.4	89301917	93.5	13.9	6.9	22		



Assr #20648 Cert # 49528466

Sign *Jose Clarke*

Date 04/05/2010



Assessor # **60865 &
20648**Certificate # **20275373**Issued: **22/03/2011****Thermal Performance Specifications**

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

Windows	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail
Typical		Clear	Aluminium	5.4	0.68		
Low e		Low e	Aluminium	3.4	0.68		Unit; 9.1, 10.1, 11.1
Performance		Clear	Aluminium	5.22	0.38		Unit; 1.4, 1.9, 2.4, 2.9, 3.4, 3.9, 4.4

Skylights	Product ID	Glass	Frame	U value	SHGC	Area M ²	Detail
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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 10% higher or lower, than the U and SHGC values of the product specified above.

External walls	Construction	Insulation	Colour – solar abs.	Detail
Concrete + Plasterboard		R2.0	Medium	

Internal walls	Construction	Insulation	Detail
Concrete + Plasterboard		-	

Floors	Construction	Insulation	Covering	Detail
Concrete		None	Carpet	Living and Bed rooms
Concrete		None	Tile	Bath and Kitchen

Ceilings	Construction	Insulation	Detail
Plasterboard		None	

Roof	Construction	Insulation	Colour – solar abs.	Detail
Concrete		R2.0	Medium	

Window cover	Internal (curtains)	External (awnings, shutters, etc)
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Fixed shading	Eaves (width - inc. gutters, h't above windows)	Verandahs, Pergolas (type, description)
	As per plans	Balconies and Over-hang – As per plans

Overshadowing	Overshadowing structures	Overshadowing trees
	None	None

Orientation, Exposure, Ventilation and Infiltration

Orientation of nominal north:	310
Terrain category:	Suburban
Roof ventilation:	Unventilated
Cross ventilation:	As per plans
Subfloor:	Carpark
Living area open to entry:	Yes
Doors separate living areas:	No
Stair open to heated areas:	No
Seals to windows and doors:	Yes
Exhaust fans without dampers:	Yes
Ventilated skylights:	No
Open fire, unflued gas heat:	No
Vented downlights:	No
Wall and ceiling vents:	No

ABSA Assessor stamp

