

# Assessor Certificate

## Single Dwelling

Certificate Version 6.1.1. Prior versions not valid after 1 March 2006

Issued in Accordance with the requirements of  
BASIX THERMAL COMFORT - Simulation Method



<b>Assessor</b>			
Name:	Vic Vicaretti	Company	AKV Pty Ltd
Address:	PO Box 135 HOXTON PARK NSW 2171		
Phone	0414 426 546	Fax:	
		Email:	v.vicaretti@bigpond.com
Declaration of interest:	None		

<b>Client</b>			
Name:	Domenic Tamburri	Company:	Firststyle Homes
Address:	PO Box 171 HOXTON PARK NSW 2171		
Phone:	9601 0100	Fax	9601 0711
		Email:	

<b>Project</b>			
Address:	Lot 1158 Sydney Smith Drive PENRITH NSW 2750		
Lot / DP:	/	LGA:	Penrith City Council
Applicant:			

<b>Assessment</b>			
Date:	24/09/2012	Job ID:	412a-12
		Filename:	Na1586-12
		Run #	1
Software:	BERS	Version:	010510
		Climate Zone:	28

<b>Referenced documents</b>			
All details upon which this Assessment has been based, are included in the project documentation which has been stamped and signed by the Assessor issuing this Certificate, as detailed below:			
Thermal Performance Specification / Commitments attached and affixed to drawings, page	1		
Drawings:	site plan		

Specifications:

ABSA Assessor Certificate	Assessor # 20311	Certificate #20629858	Issued:24/09/2012
---------------------------	------------------	-----------------------	-------------------

THERMAL COMFORT - Simulation Method

The details must be entered into your BASIX Assessment

<b>Area calculations (M2)</b>			
Net Conditioned Floor Area	91	Net Unconditioned Floor Area	38
<b>Concessions / Ventilation Bonus</b>			
Eligible Concessions:	None		

The dwelling has the required shading to qualify for BASIX cross ventilation bonus: N/A

<b>Predicted annual energy loads</b>	
--------------------------------------	--

Heating: 51  
Cooling: 54  
(sensible + latent)  
Total: 105



**Thermal Performance Specifications - BASIX THERMAL COMFORT - Simulation Method**

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 M2	Detail
AWS 504 series 3mm		Single clear	Aluminium	6.57	0.74	31.50	As per plans

Skylights	Product ID	Glass	Frame	U value	SHGC	Area M2	Detail
-----------	------------	-------	-------	---------	------	---------	--------

Any U and SHGC values specified on Certificates Issued after 1 May 2007 are according to NFRC. All values prior to this date are ANAC. Alternate products may be used if their U value is lower, and the SHGC value is less than 10% higher or lower

External Walls	Construction	Insulation	Colour - Solar absorptancy	Detail
Brick Veneer		R1.5	Medium - SA 0.475 - 0.7	

Internal walls	Construction	Insulation	Detail
Plasterboard on Studs		None	

Floors	Construction	Insulation	Covering	Detail
Concrete		None	Ceramic Tile	
Timber		None	Ceramic Tile	
Timber		None	Carpet	

Ceilings	Construction	Insulation	Detail
Plasterboard		None	
Plasterboard		R2.5	

Roof	Construction	Insulation	Colour - Solar absorptancy	Detail
Metal Deck <i>ROOFING TILES G.P</i>		None	Dark - SA > 0.7	

Window cover	Internal (curtains)	External (awnings, shutters, etc)
None		None

Fixed Shading	Eaves (width - inc gutters, height above windows)	Verandahs, Pergolas (type, description)
	450	0

Overshadowing	Overshadowing structures	Overshadowing trees
---------------	--------------------------	---------------------

**Orientation, Exposure, Ventilation and Infiltration**

Orientation of nominal north elevation	315
Terrain category	Suburban
Roof Ventilation	Unventilated
Cross Ventilation	Standard
Subfloor Ventilation	On ground
Living area open to entry:	Yes
Living areas separated by doors:	No
Stair open to heated areas:	Yes
Seals to windows and doors:	Yes
Exhaust fans without dampers:	No
Ventilated skylights:	No
Open fire or unflued gas heater:	No
Vented downlights:	No
Wall and ceiling vents:	No

ABSA Assessor Stamp

