

HOX

# 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:     |             |
| Declaration of interest: | None                            |          |             |
| Email:                   | v.vicaretti@bigpond.com         |          |             |
| Assr #:                  | 20311                           |          |             |

|               |                                 |          |                  |
|---------------|---------------------------------|----------|------------------|
| <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 1160 Sydney Smith Drive PENRITH NSW 2750 |      |                      |
| Lot / DP:      | /  | LGA: | Penrith City Council |
| Applicant:     |  |      |                      |

|                   |            |          |         |               |    |
|-------------------|------------|----------|---------|---------------|----|
| <b>Assessment</b> |            |          |         |               |    |
| Date:             | 24/09/2012 | Job ID:  | 414a-12 |               |    |
| Filename:         | Na1588-12  |          | Run #   | 1             |    |
| Software:         | BERS       | Version: | 010510  | Climate Zone: | 28 |

### Referenced documents

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 #85415000 | 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    | 121 | Net Unconditioned Floor Area | 45 |

|  |      |
|--|------|
| <b>Concessions / Ventilation Bonus</b> |      |
| Eligible Concessions:                  | None |

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

### Predicted annual energy loads

|                     |            |
|---------------------|------------|
| Heating:            | 67         |
| Cooling:            | 68         |
| (sensible + latent) |            |
| <b>Total:</b>       | <b>135</b> |

ABSA Assessor stamp



ABSA Assessor Certificate

Assessor # 20311

Certificate # 85415000

Issued: 24/09/2012

**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 | 46.50   | 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   |              | R2.5<br>R2.0 G.P. | 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 |
|---------------|--------------|------------|----------------------------|--------|
| Roofing Tiles |              | 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) |
|---------------|---|---|
|               | 600   | 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

