

# DATA INPUT CHECKLIST FOR SINGLE DWELLINGS

A BASIX assessment can only be completed on-line at [www.basix.nsw.gov.au](http://www.basix.nsw.gov.au).

This checklist itemises every question that BASIX will ask during the assessment process. Not every item on this list may apply to you – it will depend on your choices for the house design and fixtures. We recommend you read through this Checklist to ensure you have all the information you need at hand, before you start the BASIX assessment.

The BASIX tool has Help Notes available on every page, providing detailed information and diagrams to help explain the questions. BASIX provides a Project Report at the end of the assessment to allow you to review your selections before you finalise your Certificate.

Once you have printed a BASIX Certificate and submitted it to Council with your plans, you are legally obliged to build the home according to the BASIX commitments. These commitments must also be marked on the house plans.

For help with the BASIX assessment, try the tutorial ([www.basix.com.au/information/tutorials.jsp](http://www.basix.com.au/information/tutorials.jsp)) or contact the BASIX Help Line on 1300 650 908 or [help@basix.nsw.gov.au](mailto:help@basix.nsw.gov.au).

**BASIX**  
Building Sustainability Index



## PROJECT DETAILS

### Project address

<b>Project name:</b> <i>Choose a name for your project</i>	
<b>Plan type:</b>	
<b>Plan number:</b>	
<b>Lot number:</b>	
<b>Street address:</b>	
<b>Suburb:</b>	
<b>Postcode:</b>	
<b>Local Government Area:</b>	

### Project type

*Select Separate dwelling house*

<b>Number of bedrooms:</b>	
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## SITE DETAILS

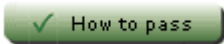
<b>Site area:</b>	<b>m<sup>2</sup></b>	<i>Measure the total area of land on which the proposed development is to be built</i>
<b>Roof area:</b>	<b>m<sup>2</sup></b>	<i>Measure the total roof area of all roofs on the dwelling</i>
<b>Conditioned floor area:</b>	<b>m<sup>2</sup></b>	<i>This does not relate to air conditioning. It means the measurement of the total floor area of the dwelling, excluding:</i> <ul style="list-style-type: none"><li><i>a) floor area that is not fully enclosed by the walls;</i></li><li><i>b) bathrooms (but not ensuites) and laundries, with a ventilation opening (e.g door or window); and</i></li><li><i>c) voids, store rooms, garages and carparks.</i></li></ul>

<b>Unconditioned floor area</b>	<b>m<sup>2</sup></b>	Measure the total floor area of all bathrooms (except ensuites) and laundries, with a ventilation opening.
<b>Swimming pool:</b>	<input type="radio"/> Yes <input type="radio"/> No	
<b>Outdoor spa:</b>	<input type="radio"/> Yes <input type="radio"/> No	

## WATER

### Landscape

Choosing a small lawn area and using native and low water plants will help with your water score.


<b>Total area of garden &amp; lawn: _____m<sup>2</sup></b> Measure the total area nominated for lawn and/or garden beds. Refer to the Help Note for more information.	
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**Area of indigenous species or low water use species: \_\_\_\_\_m<sup>2</sup>**

Measure the nominated area of garden/lawn where indigenous/low water use plant species will be used. **DO NOT** include any areas that contain a mix of indigenous/low water use plants and higher water use non-indigenous/exotic species.

If you select indigenous/low water use plant species, a landscape plan listing individual plant species **MUST** be submitted with the development application.

### Fixtures

From 1 July 2006, the labels on water-using products will change from AAA-rated to a star rating label. The more 'As' or stars on the label, the more water efficient the product is.	
<b>Showerhead rating:</b> <i>The Building Code of Australia requires all new dwellings to install 3 star rated showerheads or showerheads with equivalent flow rates.</i>	<input type="radio"/> 3 star
<b>Toilet rating:</b> (select one)	<input type="radio"/> 4 star <input type="radio"/> 3 star <input type="radio"/> 2 star <input type="radio"/> 1 star <input type="radio"/> waterless toilet

Kitchen taps rating: (select one)	<input type="radio"/> 6 star <input type="radio"/> 5 star <input type="radio"/> 4 star <input type="radio"/> 3 star
Bathroom basin taps rating: (select one)	<input type="radio"/> 6 star <input type="radio"/> 5 star <input type="radio"/> 4 star <input type="radio"/> 3 star
Are you installing an on-demand hot water recirculation system:	<input type="radio"/> Yes <input type="radio"/> No

## Alternative Water

Are you installing a rainwater tank?	<input type="radio"/> Yes <input type="radio"/> No
Are you installing a stormwater tank?	<input type="radio"/> Yes <input type="radio"/> No
Is a reticulated alternative water supply (provided by a water utility) available? <i>This is recycled or raw water that is supplied by a water utility or central authority to individual lots for non-potable use. Your project must be in a development area serviced by such a scheme.</i>	<input type="radio"/> Yes <input type="radio"/> No
Are you installing a greywater treatment system? <i>This is a system for the collection, treatment and storage of greywater. Greywater can be collected from a bath, shower, hand basin and laundry</i>	<input type="radio"/> Yes <input type="radio"/> No
Are you installing a greywater diversion system? <i>This is a system for the diversion (but not the treatment or storage) of greywater.</i>	<input type="radio"/> Yes <input type="radio"/> No
Will you be using a private dam as an alternative water supply?	<input type="radio"/> Yes <input type="radio"/> No

## Alternative Water Details

Rainwater tank (if installing)	
How much roof area will be diverted to the tank: <i>Roof area diverted to a rainwater tank can include all roof surfaces measured to the outside of the gutters, excluding parapets and trafficable roof terraces. Measure in plan view.</i>	m <sup>2</sup>
Size of tank:	L

<p><b>Will the overflow be diverted to a stormwater tank?</b> <i>The overflow from a rainwater tank can be diverted a stormwater tank for collection and reuse.</i></p>	<input type="radio"/> Yes <input type="radio"/> No
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### Stormwater tank (if installing)

Which of the following areas will be diverted to the stormwater tank:

Roof area:	m <sup>2</sup>
<p><b>Impervious area:</b> <i>Impervious areas are surfaces that do not allow natural infiltration of rainfall to the underlying soil and include concrete, tiled and timber surfaces.</i></p>	m <sup>2</sup>
Garden and lawn area:	m <sup>2</sup>
Planter box area:	m <sup>2</sup>
<p><b>What is the size of the stormwater tank:</b> <i>Volume available for reuse only. Refer to the Helpnote for more information</i></p>	L

### Greywater treatment system (if installing)

Where will the water for recycling be collected from?

Laundry:	<input type="radio"/> Yes <input type="radio"/> No
Bathroom:	<input type="radio"/> Yes <input type="radio"/> No
All other household water:	<input type="radio"/> Yes <input type="radio"/> No

### Private dam

Which of the following areas will be diverted to the dam? *Measure the surface area of the dam when full. All area estimates should be entered in square meters (m<sup>2</sup>). Enter the volume of the private dam (when full) in kilolitres (note: 1 kilolitre = 1000 litres = 1m<sup>3</sup>).*

Roof area:	m <sup>2</sup>
Impervious area:	m <sup>2</sup>
Pervious catchment area:	m <sup>2</sup>
What is the surface area of the dam:	m <sup>2</sup>
What is the volume of the dam:	kL

### Alternative Water Use

For each water use, select the alternative water supply system(s).

<b>Garden &amp; lawn:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank <input type="radio"/> Stormwater tank <input type="radio"/> Rainwater and stormwater tanks <input type="radio"/> Greywater system <input type="radio"/> Rainwater tank & Greywater system <input type="radio"/> Stormwater tank & Greywater system <input type="radio"/> Reticulated alternative water supply <input type="radio"/> Private dam
<b>All toilets:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank <input type="radio"/> Stormwater tank <input type="radio"/> Greywater system <input type="radio"/> Reticulated alternative water supply <input type="radio"/> Private dam
<b>Laundry:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank <input type="radio"/> Stormwater tank <input type="radio"/> Greywater system <input type="radio"/> Reticulated alternative water supply <input type="radio"/> Private dam
<b>All hot water:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank
<b>Drinking and other household water:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank
<b>Pool:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank
<b>Spa:</b>	<input type="radio"/> Town water supply <input type="radio"/> Rainwater tank

## Pool & Spa

Swimming pool	
What is the volume of the pool: <i>Remember 1kL = 1,000 litres</i>	kL
Will the pool be indoors or outdoors?	
Will the pool have a cover?	<input type="radio"/> Yes <input type="radio"/> No
Will the pool be shaded?*	<input type="radio"/> Yes <input type="radio"/> No
Spa	
What is the volume of the spa:	kL
Will the spa have a cover?	<input type="radio"/> Yes <input type="radio"/> No
Will the spa be shaded?*	<input type="radio"/> Yes <input type="radio"/> No

\* At least 80% of the pool/spa must be covered by a shading device. Refer to Helpnote for more information.

## THERMAL COMFORT

Choose from one of **THREE** options to complete this section.

Read the options carefully, to determine the one that best suits your needs.

1. <b>RAPID:</b>	A quick compliance method aimed at simple single storey, (usually) brick veneer dwellings common in regional NSW and parts of Sydney.
2. <b>Do-It-Yourself (D.I.Y.):</b>	Answer a list of questions, to determine minimum insulation levels and score the dwelling's glazing and shading for cooling and heating.
3. <b>Simulation:</b>	Hire an Accredited Assessor to assess the design and provide heating and cooling loads. You then enter these loads into BASIX.

## OPTION 1: RAPID

If your dwelling complies with the conditions listed below, you will get a Pass for Thermal Comfort.

The dwelling is a single storey dwelling;	<input type="radio"/> Yes <input type="radio"/> No
The dwelling has a slab on ground floor or, if the floor is suspended, the floor has insulation with an R-value of at least [ ] for example R1.0;	<input type="radio"/> Yes <input type="radio"/> No
Walls are brick veneer, weatherboard or fibro;	<input type="radio"/> Yes <input type="radio"/> No
Walls have insulation with i) an R-value of at least [ ] for example R1.5 or ii) an R-value of at least [ ] for example R1.0 + wall wrap;	<input type="radio"/> Yes <input type="radio"/> No
All windows and glazed doors have eaves that project at least 600 millimetres (including gutter width);	<input type="radio"/> Yes <input type="radio"/> No
Eaves are no more than 500 millimetres above window or glazed door heads;	<input type="radio"/> Yes <input type="radio"/> No
Ceilings have insulation with an R-value of at least [ ] for example R2.5;	<input type="radio"/> Yes <input type="radio"/> No
The roof has sarking or two wind-driven ventilators with eave and/or roof vents.	<input type="radio"/> Yes <input type="radio"/> No
The total window and glazed door area is no more than [ ] square metres; <i>Dependent on floor area.</i>	<input type="radio"/> Yes <input type="radio"/> No
Enter your total window/glazed door area:	m <sup>2</sup>

## OPTION 2: DO-IT-YOURSELF (D.I.Y)

### Construction type

<p><b>Floor type</b></p> <p>Select the construction types relevant to all parts of the dwelling:</p>	<p><input type="radio"/> Concrete slab on ground</p> <p><input type="radio"/> Suspended floor/open subfloor</p> <p><input type="radio"/> Suspended floor/enclosed subfloor</p> <p><input type="radio"/> Suspended floor above garage</p>
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<p><b>External wall type</b> Select the appropriate types:</p>	<p> <input type="radio"/> Brick veneer  <input type="radio"/> Cavity brick  <input type="radio"/> Framed (weatherboard, fibro, metal clad)  <input type="radio"/> Concrete block/plasterboard  <input type="radio"/> Concrete panel/plasterboard  <input type="radio"/> Single skin autoclaved serated concrete (AAC)  <input type="radio"/> AAC veneer  <input type="radio"/> AAC external, brick internal  <input type="radio"/> Reverse brick veneer  <input type="radio"/> Mudbrick or rammed earth  <input type="radio"/> Insulated concrete form (ICF)  <input type="radio"/> External insulated façade system (EIFS)  <input type="radio"/> Other/undecided         </p>
<p>Do you have internal walls shared with garage?</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Ceiling and roof types</b> Select the appropriate type:</p>	<p> <input type="radio"/> Flat ceiling and pitched roof  <input type="radio"/> Raked ceiling/Pitched  <input type="radio"/> Skillion roof Flat ceiling/Flat roof         </p>

## Construction details

### Floor details

Enter details for all of the floor types that apply to your dwelling.

Concrete slab on ground:

<p>Floor area:</p>	<p>m<sup>2</sup></p>
<p>Does this floor have an in-slab heating system?</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>Suspended floor/open subfloor:</p>	
<p>Floor area:</p>	<p>m<sup>2</sup></p>

<p><b>What is the construction of this floor?</b> Select from:</p>	<p><input type="radio"/> Concrete  <input type="radio"/> Framed  <input type="radio"/> AAC panel on frame (75mm)  <input type="radio"/> AAC structural panel (150-200mm)  <input type="radio"/> AAC structural panel (&gt;200mm)  <input type="radio"/> Other/undecided</p>
<p><b>Does this floor have an in-slab heating system?</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Suspended floor concession:</b> <i>BASIX gives a concession to dwellings that have little or no choice but to have a suspended floor due to site constraints, such as a sloping site or flood-prone area. Suspended floors of any construction tend to have lower thermal performance than slab on ground floors</i></p>	<p><input type="radio"/> No concession claimed  <input type="radio"/> Site slope &gt;10% below floor  <input type="radio"/> Dwelling in flood prone area  <input type="radio"/> Dwelling in mine subsidence area</p>
<p>Suspended floor/enclosed subfloor:</p>	
<p><b>Floor area:</b></p>	<p><b>m<sup>2</sup></b></p>
<p><b>What is the construction of this floor?</b> Select from:</p>	<p><input type="radio"/> Concrete  <input type="radio"/> Framed  <input type="radio"/> AAC panel on frame (75mm)  <input type="radio"/> AAC structural panel (150-200mm)  <input type="radio"/> AAC structural panel (&gt;200mm)  <input type="radio"/> Other/undecided</p>
<p><b>Does this floor have an in-slab heating system?</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Suspended floor concession:</b></p>	<p><input type="radio"/> No concession claimed  <input type="radio"/> Site slope &gt;10% below floor  <input type="radio"/> Dwelling in flood prone area  <input type="radio"/> Dwelling in mine subsidence area</p>
<p>Suspended floor above garage:</p>	
<p><b>What is the construction of this floor?</b> Select from:</p>	<p><input type="radio"/> Concrete  <input type="radio"/> Framed  <input type="radio"/> AAC panel on frame (75mm)  <input type="radio"/> AAC structural panel (150-200mm)  <input type="radio"/> AAC structural panel (&gt;200mm)  <input type="radio"/> Other/undecided</p>

Does this floor have an in-slab heating system?	<input type="radio"/> Yes <input type="radio"/> No
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### Wall details

Enter details for all of the wall types that apply to your dwelling.

For the following wall types, no further detail is required:	<ul style="list-style-type: none"> <li>• Brick veneer</li> <li>• Framed (weatherboard, fibro, metal clad)</li> <li>• Concrete block/plasterboard</li> <li>• Reverse brick veneer</li> <li>• Other/undecided</li> </ul>
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Concrete panel/plasterboard:

What is the thickness of the concrete panel:	mm
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Single skin autoclaved serated concrete (AAC), AAC veneer or AAC external, brick internal:

What is the thickness of the AAC skin:	mm
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Cavity brick:

Are you insulating this wall:	<input type="radio"/> Yes <input type="radio"/> No
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Mudbrick or rammed earth:

What is the thickness of the wall:	mm
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Insulated concrete form (ICF):

What is the thickness of the concrete:	mm
What is the total thickness of the insulating form:	mm

External insulated façade system (EIFS):

What is the thickness of the façade panel:	mm
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Internal wall shared with garage:

What is the construction of the wall:	<ul style="list-style-type: none"> <li><input type="radio"/> Plasterboard</li> <li><input type="radio"/> Single skin masonry</li> <li><input type="radio"/> Cavity brick wall</li> <li><input type="radio"/> 200mm AAC block</li> <li><input type="radio"/> Other/undecided</li> </ul>
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### Ceiling and roof details

Enter the details that apply to your dwelling's ceiling and roof type(s).

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For flat ceiling & pitched roof:

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<b>How is the roof ventilated:</b>	<input type="radio"/> Unventilated <input type="radio"/> Gable & vents <input type="radio"/> Wind-driven ventilators and eave vents
<b>What is the colour/solar absorptance of the roof:</b>	<input type="radio"/> Light (solar absorptance < 0.475) <input type="radio"/> Medium (solar absorptance 0.475-0.70) <input type="radio"/> Dark (solar absorptance > 0.70)
<b>What type of roof insulation is used:</b>	<input type="radio"/> single layer single sided foil <input type="radio"/> thermocellular reflective <input type="radio"/> foil backed blanket (55mm) <input type="radio"/> foil backed blanket (75mm) <input type="radio"/> foil backed blanket (100mm)

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For raked ceiling/pitched or skillion roof AND/OR a flat ceiling/roof

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<b>What is the construction of the roof:</b>	<input type="radio"/> framed <input type="radio"/> concrete/plasterboard internal <input type="radio"/> concrete/bare internal
<b>What is the colour/solar absorptance of the roof:</b>	<input type="radio"/> Light (solar absorptance < 0.475), <input type="radio"/> Medium (solar absorptance 0.475-0.70) <input type="radio"/> Dark (solar absorptance > 0.70)
<b>What type of roof insulation is used:</b>	<input type="radio"/> single layer single sided foil <input type="radio"/> thermocellular reflective <input type="radio"/> foil backed blanket (55mm) <input type="radio"/> foil backed blanket (75mm) <input type="radio"/> foil backed blanket (100mm)

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# Insulation

Based on your answers to the previous questions, the D.I.Y tool will list the insulation requirements for your dwelling. Simply select yes to confirm your acceptance.

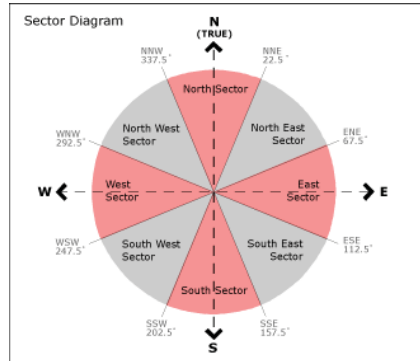
# Windows and skylights

Enter the orientation sector, area of glazing and any overshadowing by buildings/vegetation for your skylights, windows and glazed doors.

You can group up to 15 windows, glazed doors or skylights with the same orientation sector, overshadowing, frame and glass type and shading device in one row. Enter their combined area. You can choose not to enter up to 2 windows (<0.7m<sup>2</sup>) and 1 skylight (< 0.7m<sup>2</sup>).

### Measurements:

- For orientation: nominate the orientation sector for each window or glazed door. Use the sector diagram and your north point to work out the orientation sector of each window from your plans.
- For area of glazing: measure the area of the glass and frame.
- For overshadowing: only select overshadowing if there is an obstruction (from existing buildings, parts of the proposed building, a future building on an adjacent site with an approved DA or CDC, or existing vegetation) directly in front of the centre of the base of the window in plan and elevation. I.e. If you were to look out the window, the obstruction would be directly in front and not wholly below or to the side. For more detail, and diagrams, refer to the Help Note.



For each skylight:

Area of glass:	m <sup>2</sup>
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For each window or group of windows:

Orientation: (select one)	<input type="radio"/> N <input type="radio"/> NE <input type="radio"/> E <input type="radio"/> SW <input type="radio"/> S <input type="radio"/> SE <input type="radio"/> W <input type="radio"/> NW
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Area of glass:	m <sup>2</sup>
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<b>Overshadowing:</b>	<input type="radio"/> not overshadowed <input type="radio"/> 1-2 m high, <1.5m away <input type="radio"/> 2-4m high, 2m away <input type="radio"/> 2-4m high, 2-5m away <input type="radio"/> 2-4m high, 5-8m away <input type="radio"/> 2-4m high, 8-12m away <input type="radio"/> >4m high, <2m away <input type="radio"/> >4m high, 2-5m away <input type="radio"/> >4m high, 5-8m away <input type="radio"/> >4m high, 8-12m away
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## Windows and skylight details

For each skylight:

<b>Select from the following frame and glass options:</b>	<input type="radio"/> aluminium, moulded plastic single clear <input type="radio"/> timber, double clear/airfill <input type="radio"/> timber, low-E/double/argon fill
<b>Select shading device:</b>	<input type="radio"/> no shading <input type="radio"/> fixed awning or blind <input type="radio"/> fixed louvre <input type="radio"/> adjustable awning or blind <input type="radio"/> adjustable louvre

For each window:

<b>Select from the following frame and glass options:</b>	<input type="radio"/> standard aluminium, single clear <input type="radio"/> improved aluminium, single clear <input type="radio"/> standard aluminium, single toned <input type="radio"/> improved aluminium, single toned <input type="radio"/> standard aluminium, single pyrolytic low-e <input type="radio"/> improved aluminium, single pyrolytic low-e <input type="radio"/> standard aluminium, double clear <input type="radio"/> improved aluminium, double clear <input type="radio"/> standard aluminium, toned/air gap/clear
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	<ul style="list-style-type: none"> <li><input type="radio"/> improved aluminium, toned/air gap/clear</li> <li><input type="radio"/> timber or uPVC, single clear</li> <li><input type="radio"/> timber or uPVC, single toned</li> <li><input type="radio"/> timber or uPVC, single pyrolytic low-e</li> <li><input type="radio"/> timber or uPVC, clear/air gap/clear</li> <li><input type="radio"/> timber or uPVC, toned/air gap/clear</li> </ul>
<p><b>Select shading device:</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> 450 mm eave or pergola</li> <li><input type="radio"/> 451-600 mm eave or pergola</li> <li><input type="radio"/> 601-750 mm eave or pergola</li> <li><input type="radio"/> 751-900 mm eave or pergola</li> <li><input type="radio"/> 901-1,200 mm eave or pergola</li> <li><input type="radio"/> 1,201-1,600 mm eave or pergola</li> <li><input type="radio"/> &gt;1,600 mm eave or pergola</li> <li><input type="radio"/> 1,000-2,000 mm projecting awning (fixed)</li> <li><input type="radio"/> &gt;2,000 mm projecting awning (fixed)</li> <li><input type="radio"/> 1,000-2,000 mm projecting awning (adjustable)</li> <li><input type="radio"/> &gt;2,000 mm projecting awning (adjustable)</li> <li><input type="radio"/> vertical external louvre/blind (fixed)</li> <li><input type="radio"/> vertical external louvre/blind (adjustable)</li> </ul>

The following icons will appear in the BASIX tool to help you understand how to pass.



*Window/door with significant heat loss. Try selecting a better performing frame and glass type or changing the shading device.*



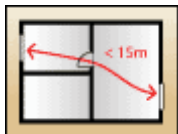
*Window/door with significant heat gain. Try selecting a better performing frame and glass type or changing the shading device.*



*Needs more shading to qualify for cross ventilation bonus.*

## Cross ventilation

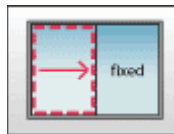
BASiX rewards cross ventilation due to its potential to maintain comfortable conditions and reduce the likelihood of air conditioning use in the dwelling. The following 3 conditions must be met:



1. Breeze path length must be <15m



2. There is a maximum of 1 doorway or opening <2m<sup>2</sup> between these openings



3. Ventilation openings must be >1m<sup>2</sup>

<p><b>Nominate up to 4 breeze paths</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> Within main living area</li> <li><input type="radio"/> Within bedroom 1, 2 or 3 (not ensuite)</li> <li><input type="radio"/> Main living area to other living area</li> <li><input type="radio"/> Bedroom 1,2 or 3 to other living area</li> <li><input type="radio"/> Main living to other space (not separate bathroom)</li> <li><input type="radio"/> Bedroom 1, 2 or 3 to other living area (not separate bathroom).</li> </ul>
<p><b>Ventilation opening locations</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> Opposite external wall</li> <li><input type="radio"/> Adjacent external wall</li> <li><input type="radio"/> External wall and operable skylight &gt;1m<sup>2</sup>.</li> </ul>

## OPTION 3: THERMAL COMFORT-SIMULATION OPTION

Enter the following details, based on the Certificate:

<p><b>Accredited assessor number:</b></p>	
<p><b>Certificate number:</b></p>	
<p><b>Does the Assessor Certificate state that the dwelling has the required shading to qualify for a cross ventilation bonus?</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Thermal loads</b></p>	
<p><b>Suspended floor concession:</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> No concession claimed</li> <li><input type="radio"/> Site slope &gt;10% below floor</li> <li><input type="radio"/> Required due to flood prone area</li> </ul>

Heating load:	mJ/m <sup>2</sup> /year
Cooling load:	mJ/m <sup>2</sup> /year

**Cross ventilation (optional)**

*If claiming a cross ventilation bonus.*

Nominate up to 4 breeze paths	<input type="radio"/> Within main living area <input type="radio"/> Within bedroom 1, 2 or 3 (not ensuite) <input type="radio"/> Main living area to other living area <input type="radio"/> Bedroom 1,2 or 3 to other living area <input type="radio"/> Main living to other space (not separate bathroom) <input type="radio"/> Bedroom 1, 2 or 3 to other living area (not separate bathroom)
Ventilation opening locations	<input type="radio"/> Opposite external wall <input type="radio"/> Adjacent external wall <input type="radio"/> External wall and operable skylight > 1m <sup>2</sup>

## ENERGY

### Hot water

Select your hot water system:	<input type="radio"/> Solar(gas boosted) <input type="radio"/> Solar (electric boosted + timer) <input type="radio"/> Solar (electric boosted) <input type="radio"/> Electric heat pump <input type="radio"/> Gas instanteneous <input type="radio"/> Gas storage <input type="radio"/> Wood combustion <input type="radio"/> Electric instantaneous <input type="radio"/> Electric storage.
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<p><b>Solar/heat pump performance details</b> (See Helpnotes for further information on Renewable Energy Certificates.)</p>	<ul style="list-style-type: none"> <li><input type="radio"/> More than 45 RECs</li> <li><input type="radio"/> 41 to 45 RECs</li> <li><input type="radio"/> 36 to 40 RECs</li> <li><input type="radio"/> 31 to 35 RECs</li> <li><input type="radio"/> 26 to 30 RECs</li> <li><input type="radio"/> 21 to 25 RECs</li> <li><input type="radio"/> 16 to 20 RECs</li> <li><input type="radio"/> fewer than 15 RECs</li> <li><input type="radio"/> not specified</li> </ul>
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## Heating and Cooling

<p><b>Select the cooling system(s) you are installing in your living room and/or bedrooms</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> No cooling system</li> <li><input type="radio"/> ceiling fan</li> <li><input type="radio"/> evaporative cooling</li> <li><input type="radio"/> ceiling fan + 1-phase air conditioning</li> <li><input type="radio"/> ceiling fan + 3-phase airconditioning</li> <li><input type="radio"/> 1-phase air conditionin</li> <li><input type="radio"/> 3-phase air conditioning</li> <li><input type="radio"/> Air condition ducting only</li> </ul>
<p><b>What is the energy efficiency rating of the system?</b></p>	<ul style="list-style-type: none"> <li><input type="radio"/> 6 star</li> <li><input type="radio"/> 5.5 star</li> <li><input type="radio"/> 5 star</li> <li><input type="radio"/> 4.5 star</li> <li><input type="radio"/> 4 star</li> <li><input type="radio"/> 3.5 star</li> <li><input type="radio"/> 3 star</li> <li><input type="radio"/> 2.5 star</li> <li><input type="radio"/> 2 star</li> <li><input type="radio"/> 1.5 star</li> <li><input type="radio"/> 1 star</li> <li><input type="radio"/> EER &gt;4.0</li> <li><input type="radio"/> EER &gt;3.5 – 4.0</li> <li><input type="radio"/> EER &gt;3.0 – 3.5</li> <li><input type="radio"/> EER &gt;2.5 – 3.0</li> <li><input type="radio"/> EER &lt;2.5</li> </ul>

<p>Select the heating system(s) you are installing in your living room and/or bedrooms</p>	<p> <input type="radio"/> No heating system  <input type="radio"/> Gas fixed flued heater  <input type="radio"/> Gas hydronic system  <input type="radio"/> 1-phase air conditioning  <input type="radio"/> 3-phase air conditioning  <input type="radio"/> Air conditioning ducting only  <input type="radio"/> Electric floor heating  <input type="radio"/> Wood heater </p>
<p>What is the energy efficiency rating of the system?</p>	<p> <input type="radio"/> 6 star  <input type="radio"/> 5.5 star  <input type="radio"/> 5 star  <input type="radio"/> 4.5 star  <input type="radio"/> 4 star  <input type="radio"/> 3.5 star  <input type="radio"/> 3 star  <input type="radio"/> 2.5 star  <input type="radio"/> 2 star  <input type="radio"/> 1.5 star  <input type="radio"/> 1 star  <input type="radio"/> EER &gt;4.0  <input type="radio"/> EER &gt;3.5 – 4.0  <input type="radio"/> EER &gt;3.0 – 3.5  <input type="radio"/> EER &gt;2.5 – 3.0  <input type="radio"/> EER &lt;2.5 </p>

## Ventilation

Complete the details for the system types applicable to your dwelling:

<p><b>Bathroom / Kitchen / Laundry exhaust:</b></p>	<p> <input type="radio"/> No mechanical ventilation  <input type="radio"/> Individual fan not ducted  <input type="radio"/> Individual fan ducted to façade or roof </p>
<p><b>Controlled by:</b></p>	<p> <input type="radio"/> Interlocked to light  <input type="radio"/> Manual switch on/off  <input type="radio"/> Manual on/timer off  <input type="radio"/> None (ie. Continuous) </p>

## Natural lighting

Are you installing windows or skylights in the kitchen?	<input type="radio"/> Yes <input type="radio"/> No
How many separate bathrooms/toilets will be naturally lit by either a window or skylight:	

## Artificial lighting

*This section is optional. Fluorescent lamps are the most energy efficient lights for internal lighting.*

Which of the following rooms will be primarily lit (minimum 80% of light fittings) by standard energy efficient or compact lamps?	<input type="radio"/> Number of bedrooms/study <input type="radio"/> Number of living/dining areas <input type="radio"/> Kitchen <input type="radio"/> Bathrooms/toilets <input type="radio"/> Laundry <input type="radio"/> Hallways
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## Pool and spa

What is the type of pool heating system:	<input type="radio"/> No heating <input type="radio"/> Solar only <input type="radio"/> Solar (gas boosted) <input type="radio"/> Electric heat pump <input type="radio"/> Solar electric boosted <input type="radio"/> Gas <input type="radio"/> Electric resistance
Is the pool pump controlled by timer?	<input type="radio"/> Yes <input type="radio"/> No
What is the type of spa heating system:	<input type="radio"/> No heating <input type="radio"/> Solar only <input type="radio"/> Solar (gas boosted) <input type="radio"/> Electric heat pump <input type="radio"/> Solar electric boosted <input type="radio"/> Gas <input type="radio"/> Electric resistance
Is the spa pump controlled by timer?	<input type="radio"/> Yes <input type="radio"/> No

## Alternative energy

<p><b>If you are installing a photovoltaic system, what is the rated electrical output:</b> <i>Photovoltaic system means a system consisting of flat panels, typically made from silicon, that are installed in an unshaded location and directly convert sunlight into electricity.</i></p>	<p><b>peak kW</b></p>
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## Alternative energy

<p><b>Are you installing a cooktop or oven:</b></p>	<p> <input type="radio"/> Gas cooktop &amp; gas oven  <input type="radio"/> Gas cooktop &amp; electric oven  <input type="radio"/> Electric cooktop &amp; electric oven  <input type="radio"/> Wood combustion         </p>
<p><b>Do you have a well ventilated refrigerator space?</b> <i>Well ventilated, in relation to refrigeration spaces, means that at least one side or the top of the refrigeration space is completely open.</i></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Are you installing an outdoor clothes drying line?</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>Are you installing an indoor or sheltered clothes drying line?</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>

End of BASIX assessment