

This checklist is a guide to the information you will need to have at hand, in order to complete a BASIX assessment. **Not every item** on this list may apply to you - it will depend on your house design. For example, if you are not intending to install a stormwater tank, ignore this section. Similarly, if you do not have a private dam on your property, this section is irrelevant to you.

PROJECT DETAILS

Project address		Help notes available
Project name	<input type="text"/>	
Street address	<input type="text"/>	
Suburb	<input type="text"/>	
Post code	<input type="text"/>	
Local Government Area	<input type="text"/>	
Project type		Help notes available
Separate dwelling house	<input type="text" value="Yes/No"/>	Yes
Attached dwelling house	<input type="text" value="Yes/No"/>	Yes
Unit	<input type="text" value="Yes/No"/>	Yes
Number of bedrooms	<input type="text"/>	
Site details		Help notes available
Site area (m ²)	<input type="text"/>	Yes
Roof area (m ²)	<input type="text"/>	Yes
Conditioned floor area (m ²)	<input type="text"/>	Yes
Unconditioned floor area (m ²)	<input type="text"/>	Yes
Swimming pool	<input type="text" value="Yes/No"/>	
Outdoor spa	<input type="text" value="Yes/No"/>	

WATER

Landscape		Help notes available
Total area of garden & lawn (m ²)	<input type="text"/>	Yes
Area of indigenous species or low water use species (m ²)	<input type="text"/>	Yes
Fixtures		Help notes available
Showerhead rating	<input type="text" value="Options are: 3A, 2A or 1A"/>	Yes
Toilet rating	<input type="text" value="Options are: Waterless toilet, 4A, 3A, 2A or 1A"/>	
Kitchen taps rating	<input type="text" value="Options are: 5A, 4A, 3A, 2A or 1A"/>	
Bathroom basin taps rating	<input type="text" value="Options are: 5A, 4A, 3A, 2A or 1A"/>	
On-demand hot water recirculation system	<input type="text" value="Yes/No"/>	

Alternative water supply + details		Help notes available
Rainwater tank		Yes
Area diverted to tank (m ²)	<input type="text"/>	
Size of tank (L)	<input type="text"/>	
Overflow diverted to stormwater tank	Yes/No	
Water collected to be used for	<input type="text"/>	
Stormwater tank		Yes
Roof area diverted to tank (m ²)	<input type="text"/>	
Impervious area diverted to tank (m ²)	<input type="text"/>	
Garden and lawn area diverted to tank (m ²)	<input type="text"/>	
Planter box area diverted to tank (m ²)	<input type="text"/>	
Size of tank (L)	<input type="text"/>	
Water collected to be used for	<input type="text"/>	
Reticulated alternative water supply		Yes
Supply available	Yes/No	
Water collected to be used for	<input type="text"/>	
Greywater/wastewater recycling system		Yes
Type of system	Options are: Greywater/wastewater treatment system OR grey water diversion system	
Water collected from:		
Laundry	Yes/No	
Bathroom	Yes/No	
All household wastewater	Yes/No	
Water collected to be used for	<input type="text"/>	
Private dam		Yes
Roof area diverted to dam (m ²)	<input type="text"/>	
Impervious area diverted to dam (m ²)	<input type="text"/>	
Garden and lawn area diverted to dam (m ²)	<input type="text"/>	
Surface area of dam (m ²)	<input type="text"/>	
Volume of dam (m ³)	<input type="text"/>	
Water collected to be used for	<input type="text"/>	
Groundwater		Yes
Groundwater licence or water supply works approval number	<input type="text"/>	
Water collected to be used for	<input type="text"/>	
Pool & Outdoor spa		Help notes available
Pool volume (kL)	<input type="text"/>	Yes
Pool cover	Yes/No	

Shading and protection	Options are: Outdoors + not shaded + unprotected, Outdoors + not shaded + protected, Outdoors + shaded + unprotected, Outdoors + shaded + protected	Yes
Spa volume (kL)		
Spa cover	Yes/No	Yes
Shading and protection	Options are: Outdoors + not shaded + unprotected, Outdoors + not shaded + protected, Outdoors + shaded + unprotected, Outdoors + shaded + protected	Yes

THERMAL COMFORT

There are **3 options** you can choose from, in order to complete the Thermal Comfort section of BASIX. Select the option that is most convenient for you.

OPTION 1: Do-It-Yourself (D.I.Y.)

This option allows you to assess the Thermal Comfort levels of your house. It is a simple process that you can complete yourself.

Construction type + details	Help notes available
Floor	
Concrete slab on ground	
Floor area (m ²)	NOTE: Only required if dwelling has more than one floor type
Does this floor have an in-slab heating system?	Yes/No
	Yes
Suspended floor/open subfloor	
Floor area (m ²)	NOTE: Only required if dwelling has more than one floor type
Floor construction	Options are: concrete, framed, AAC panel on frame (75mm), AAC structural panel (150-200mm), AAC structural panel (>200mm), other/undecided
Does this floor have an in-slab heating system?	Yes/No
	Yes
Suspended floor/enclosed subfloor	
Floor area (m ²)	NOTE: Only required if dwelling has more than one floor type
Floor construction	Options are: concrete, framed, AAC panel on frame (75mm), AAC structural panel (150-200mm), AAC structural panel (>200mm), other/undecided
Does this floor have an in-slab heating system?	Yes/No
	Yes
Suspended floor above garage	
Floor construction	Options are: concrete, framed, AAC panel on frame (75mm), AAC structural panel (150-200mm), AAC structural panel (>200mm), other/undecided
Does this floor have an in-slab heating system?	Yes/No
	Yes
Wall	
	No further details required.
Brick veneer, Framed, Concrete block/plasterboard, reverse brick veneer, other/undecided	
Concrete panel/plasterboard	
Thickness of concrete panel (mm)	
Single skin AAC, AAC veneer, AAC external/brick internal	
Thickness of AAC skin (mm)	
Cavity brick	
Are you insulating this wall?	Yes/No
Mudbrick/Rammed earth	
Thickness of wall (mm)	

<p>Insulated concrete form</p> <p>Thickness of concrete (mm) <input type="text"/></p> <p>Total thickness of insulating form (mm) <input type="text"/></p>	Yes	
<p>External insulated façade system</p> <p>Thickness of façade panel (mm) <input type="text"/></p>	Yes	
<p>Internal wall shared with garage</p> <p>Construction of wall Options are: plasterboard, single skin masonry, cavity brick wall, 200 mm AAC block, other/undecided</p>		
<p>Ceiling and roof</p>		
<p>Flat ceiling and pitched roof</p>		
<p>How is roof space ventilated? Options are: unventilated, gable end vents, wind-driven ventilator(s) + eave vents</p>		
<p>What is the colour/solar absorptance of the roof? Options are: light (solar absorptance < 0.475), medium (solar absorptance 0.475-0.70), dark (solar absorptance > 0.70)</p>	Yes	
<p>Roof insulation Options are: single layer single sided foil, thermocellular reflective, foil backed blanket (55mm), foil backed blanket (75mm), foil backed blanket (100mm)</p>		
<p>Raked ceiling/Pitched or Skillion roof</p>		
<p>Roof construction Options are: framed, concrete/plasterboard internal, concrete/bare internal</p>		
<p>What is the colour/solar absorptance of the roof? Options are: light (solar absorptance < 0.475), medium (solar absorptance 0.475-0.70), dark (solar absorptance > 0.70)</p>	Yes	
<p>Roof insulation Options are: single layer single sided foil, thermocellular reflective, foil backed blanket (55mm), foil backed blanket (75mm), foil backed blanket (100mm)</p>		
<p>Flat ceiling/Flat roof</p>		
<p>Roof construction Options are: framed, concrete/plasterboard internal, concrete/bare internal</p>		
<p>What is the colour/solar absorptance of the roof? Options are: light (solar absorptance < 0.475), medium (solar absorptance 0.475-0.70), dark (solar absorptance > 0.70)</p>	Yes	
<p>Roof insulation Options are: single layer single sided foil, thermocellular reflective, foil backed blanket (55mm), foil backed blanket (75mm), foil backed blanket (100mm)</p>		
<p>Insulation</p> <p>Insulation requirements will be calculated by BASIX based on the construction details. You must accept the requirements to pass Thermal Comfort.</p>		<p>Help notes available</p>
<p>Windows & skylights + details</p>		<p>Help notes available</p>
<p>See table in Appendix A</p>		
<p>For each skylight, gather the following information:</p>		
<p>Area of glazing (including frame) (m²)</p>		
<p>Frame and glass</p>	<p>Options are: al., clear; al., toned; al., pyrolytic low-e; al., double clear; al. imp., clear; al. imp., toned; al. imp., pyrolytic low-e; al. imp., double 6 mm spcng clear; tim., clear; tim., toned; tim., pyrolytic low-e; tim., double 6 mm spcng clear; uPVC, clear; uPVC, toned; uPVC, pyrolytic low-e; uPVC, double 6 mm spcng clear</p>	Yes
<p>Shading device</p>	<p>Options are: no shading; fixed awning or blind; fixed louvre; adjustable awning or blind; adjustable louvre</p>	Yes

For **each window/glazed door**, enter the following information:

Orientation	Options are: North, North East, East, South East, South, South west, West, North west	Yes
Area of glazing (including frame) (m ²)		Yes
Overshadowing from adjacent building/vegetation	Options are: not overshadowed; 1-2 m high, <1.5 m away; 2-4m high, 2 m away; 2-4m high, 2-5 m away; 2-4m high, 5-8 m away; 2-4m high, 8-12 m away; >4m high, <2 m away; >4m high, 2-5 m away; >4m high, 5-8 m away; >4m high, 8-12 m away	Yes
Frame and glass	Options are: aluminium, single clear; aluminium, single toned; aluminium, single supertoned; aluminium, single pyrolytic low-e; aluminium, 3/6/3 double clear; aluminium, 5/6/5 double toned; aluminium improved, single clear; aluminium imp., single toned; aluminium imp. Single supertoned; aluminium imp., single pyrolytic low-e; aluminium imp., 3/6/3 double clear; aluminium imp., 5/6/5 double toned; tim or uPVC, single clear; tim or uPVC, single toned; tim or uPVC, single supertoned; tim or uPVC, single pyrolytic low-e; tim or uPVC, 3/6/3 double clear; tim or uPVC, 5/6/5 double toned	Yes
Shading device	Options are: 450 mm eave or pergola; 451-600 mm eave or pergola; 601-750 mm eave or pergola; 751-900 mm eave or pergola; 901-1,200 mm eave or pergola; 1,201-1,600 mm eave or pergola; >1,600 mm eave or pergola; 1,000-2,000 mm projecting awning (fixed); >2,000 mm projecting awning (fixed); 1,000-2,000 mm projecting awning (adjustable); >2,000 mm projecting awning (adjustable); vertical external louvre/blind (fixed); vertical external louvre/blind (adjustable)	Yes

OPTION 2: Rapid

This option is a shorter version of the D.I.Y. option, but can only be used for simple, Yes

Criteria

Based on the climate zone your dwelling is in, BASIX will display a list of criteria. If your dwelling complies with the conditions, click 'Yes' on the page, enter the glazing area (in m²) and you will Pass Thermal Comfort.

The following is **an example** of the list of criteria. Please note that **the list will vary** based on the climate

- the dwelling is a single storey dwelling;
- 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 R**;
- walls are brick veneer, weatherboard or fibro;
- walls have insulation with an R-value of at least R**;
- all windows and glazed doors have eaves that project at least ** millimetres (including gutter width);
- eaves are no more than 500 millimetres above window or glazed door heads;
- ceilings have insulation with an R-value of at least R**;
- the roof has sarking or two wind-driven ventilators with eave and/or roof vents;
- the total window and glazed door area is no more than ** square metres;

Help notes available

Enter total window/glazed door area (m²)

** Values will be calculated by BASIX

OPTION 3: Simulation method

For this option you will need to engage an **Accredited Assessor** who will use specific

		Help notes available
Assessor details		
Accredited assessor number	<input type="text"/>	Yes
Certificate number	<input type="text"/>	
Does the Assessor Certificate state that the dwelling has the required shading to qualify for a cross ventilation bonus?	<input type="text" value="Yes/No"/>	
Thermal loads		Help notes available
Area-adjusted heating load (mJ/m ² .year)	<input type="text"/>	Yes
Area-adjusted cooling load (mJ/m ² .year)	<input type="text"/>	Yes

ENERGY

Hot water		Help notes available
Hot water system	Options are: Solar(gas boosted), Solar (electric boosted + timer), Solar (electric boosted), Electric heat pump, Gas instantaneous +	Yes
Heating and Cooling		Help notes available
Living room cooling system + energy efficiency rating	Options are: No cooling system, ceiling fan, evaporative cooling, ceiling fan + 1-phase air conditioning, ceiling fan + 3 phase airconditioning, 1-phase air conditioning, 3-phase air conditioning,	Yes
Bedroom cooling system + energy efficiency rating	Options are: No cooling system, ceiling fan, evaporative cooling, ceiling fan + 1-phase air conditioning, ceiling fan + 3 phase airconditioning, 1-phase air conditioning, 3-phase air conditioning, Air condition ducting only.	Yes
Living room heating system + energy efficiency rating	Options are: No heating system, Gas fixed flued heater, Gas hydronic system, 1-phase air conditioning, 3-phase air conditioning, Air conditioning ducting only, Electric floor slab, Wood heater.	Yes
Bedroom heating system + energy efficiency rating	Options are: No heating system, Gas fixed flued heater, Gas hydronic system, 1-phase air conditioning, 3-phase air conditioning, Air conditioning ducting only, Electric floor slab, Wood heater.	Yes

Is airconditioning day/night zoned between bedroom and living areas?	Yes/No	Yes
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Ventilation		Help notes available
Bathroom exhaust system	<input type="text"/> Options are: No mechanical ventilation, Individual fan not ducted, Individual fan ducted to façade or roof	Yes
Operation control	Options are: Interlocked to light, Manual switch on/off, Manual on/timer off, None (ie. Continuous).	
Kitchen exhaust system + operation control	Options are: No mechanical ventilation, Individual fan not ducted, Individual fan ducted to façade or roof	
Operation control	Options are: Interlocked to light, Manual switch on/off, Manual on/timer off, None (ie. Continuous).	
Laundry exhaust system + operation control	<input type="text"/> Options are: No mechanical ventilation, Individual fan not ducted, Individual fan ducted to façade or roof	
Operation control	Options are: Interlocked to light, Manual switch on/off, Manual on/timer off, None (ie. Continuous).	

Natural lighting		Help notes available
Window or skylight in kitchen Number of separate bathrooms/toilets naturally lit by either window or skylight.	<input type="text"/> <input type="text"/>	Yes

Artificial lighting (OPTIONAL)		Help notes available
Rooms primarily lit by standard fluorescent or compact fluorescent lamps:		Yes
Number of bedrooms/study	<input type="text"/>	
Number of living/dining rooms	<input type="text"/>	
Kitchen	<input type="text"/>	
Bathroom/toilets	<input type="text"/>	
Laundry	<input type="text"/>	
Hallways	<input type="text"/>	
For each room specify if the light fitting accept only fluorescent lamps (dedicated fluorescent fitting)		

Pool and spa		Help notes available
Pool heating system	Options are: No heating, Solar only, Solar (gas boosted), Electric heat pump, Solar electric boosted, Gas, Electric resistance.	Yes
Pool pump controlled by timer?	Yes/No	
Spa heating system		
Spa pump controlled by timer?	Yes/No	
Alternative energy		Help notes available
Rated electrical output of photovoltaic system (peak kW)		Yes
Other		Help notes available
Cooktop/oven type	Options are: Gas cooktop & gas oven, Gas cooktop & electric oven, Electric cooktop & electric oven, Wood combustion	Yes
Well ventilated fridge space	Yes/No	
Indoor clothes drying line (eg: screened line on balcony, line over bath, etc)	Yes/No	
Private outdoor or unsheltered clothes drying line	Yes/No	Yes

