



**benchmark**  
BUILDING CERTIFIERS

# BASIX / Energy Rating Application Form

*Tick box to nominate the service sought*

- BASIX** (for Residential Development)
- ABSA only** (for BASIX input by client)
- Section J BCA Assessment** (for Commercial & Industrial Developments)

## DETAILS OF THE APPLICANT

**Name:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**Contact numbers:** \_\_\_\_\_  
**Signature:** \_\_\_\_\_

In completing this form, the applicant agrees to the commitments in this form. Note – Some options may not be applicable to the service sought

## GENERAL MATTERS

### Site identification

- Lot/DP/SP/No.
- Site area of the development.
- Is North shown on the plans?

Lot \_\_\_\_\_ DP/SP \_\_\_\_\_ No. \_\_\_\_\_

Site area \_\_\_\_\_

### Gas availability

- Gas may be used, if required, to complement heating and for hot water.
- If natural gas is not available, bottled gas may be considered.

Yes  No

### Hot water system

- Gas is generally the best BASIX compliance option, but may not be available.
- Are residential alterations and additions proposing to replace the hot water system?

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### Air conditioning

If yes, single phase or three phase

- Three phase power may not be available to your allotment.
- Other notes for air conditioning/ other active heating or cooling options?

Yes  No  
 Single phase (eg. for wall & split units)  Three phase (generally for fully ducted systems)

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### Cooking system

- Gas oven & cooktop is best BASIX compliance option, but gas may not be readily available.
- Choice of gas cooktop/gas oven; gas cooktop/electric oven; electric cooktop/electric oven.
- Gas bottles for cooking may be too expensive to run, compared to electricity.

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### Rainwater tank connection

- The most common way to pass the BASIX water target is with the use of a rainwater tank.
- BASIX allows for tank connection to garden, laundry or all toilets. 'Garden' is always chosen as the best option, but generally needs one of the other connections (rural dwellings may be OK).
- Laundry connection requires a cold water cock in the laundry.
- Toilet connection to toilets will require separate lines upstairs (if two storey). All toilets to be connected.
- Laundry option generally means a smaller tank size than toilet option.

Garden       Laundry       Toilets

### Rainwater tank size

- The size of the tank is dependant on postcode, roof area collected, landscape area used in garden watering.
- Provide any further info, if applicable (eg. charged line system to tanks from downpipes, preferred roof area to be collected).
- Benchmark will provide you with options!

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### Other water solutions

- Multi-unit / apartment compliance may be achieved with dishwasher and clothes washer installation.
- Areas with recycled reticulated water may not require a rainwater tank.
- Low water use landscaping can be used.
- 4 star or higher water fixtures may be an option.
- Central water tanks can be looked at for larger developments.
- Rural properties may utilise dams.
- Benchmark will provide you with options!

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### Colours - Roof

- Specify general colours proposed.

Light       Medium       Dark

### Colours – Walls

- Specify general colours proposed.

Light       Medium       Dark

### Billing/invoicing agreement

- Complete billing / invoicing agreement.
- Has agreement been completed?

Yes       No

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**OTHER MATTERS**

**Window type**

- If NFRC value is known (or specific window known) please advise.

Aluminium

Other (specify)  
\_\_\_\_\_

**Window glazing**

- Window type and glazing will be specified with an assessment.

Standard single clear

Other (specify)  
\_\_\_\_\_

**Roof insulation**

- Sisalation (or foil/sarking) under roof. Specify if to be installed.
- Thermal break may be required for commercial/industrial developments.

Yes (specify)  
\_\_\_\_\_

No

**Wall, ceiling and floor insulation**

- Benchmark Building Certifiers will choose best option. If preferred, advise of ratings.
- Advise of system of wall and ceiling insulation for commercial and industrial developments.
- Suspended or open floors generally require insulation to be added.

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**Artificial lighting and power**

- Detail any proposed artificial lighting (for commercial/industrial development).
- Are any specialised power controls proposed (eg. sensors)?
- Is external artificial lighting proposed around the building (for commercial/industrial development)?
- Is energy efficiency lighting proposed (such as fluorescent, compact fluorescent, LED lighting)? BASIX compliance may be easier to achieve.

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**Swimming Pools**

- Pools shown on plans for residential development are required to be included in a BASIX Assessment., regardless of size.
- BASIX applies to 'individual/separate application' pools that are over 40KL.
- Specify volume of pool.
- What type of heating is proposed?
- Is a pool cover proposed?
- A separate rainwater tank will most probably be required. What is the available roof area (from site structures) to be connected to a tank?

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**Other**

- Specify any other matters if not shown on plans (eg. brick veneer/cavity brick/ other wall, floor or roof construction).
- Are any roof lights proposed?
- Is adjoining development that may affect the thermal performance of the building present?
- Are exhaust fans proposed?
- Are any other ventilating systems proposed (for commercial/industrial development)?

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