

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Single Dwelling

Certificate number: 1406403S_02

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Wednesday, 16 August 2023
To be valid, this certificate must be lodged within 3 months of the date of issue.



Project summary		
Project name	MAT002 LH_02	
Street address	13 Gowlland Parade PANANIA 2213	
Local Government Area	Canterbury-Bankstown Council	
Plan type and plan number	deposited 232662	
Lot no.	37	
Section no.	-	
Project type	attached dwelling house	
No. of bedrooms	4	
Project score		
Water	✔ 42	Target 40
Thermal Comfort	✔ Pass	Target Pass
Energy	✔ 52	Target 50

Certificate Prepared by	
Name / Company Name: Thermal Performance	
ABN (if applicable): 64 137 428 767	

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MAT002 RH BASIX Certificate 20230816

Nationwide House Energy Rating Scheme

NatHERS Certificate No. 0008833493

Generated on 16 Aug 2023 using BERS Pro v4.4.1.5 (3.21)

Property

Address Unit Left, 13 Gowlland Parade , PANANIA , NSW , 2213

Lot/DP 37/232662

NCC Class* 1A

Type New Dwelling

Plans

Main plan Tony

Prepared by Martor Design

Construction and environment

Assessed floor area (m²)*	Exposure type
Conditioned* 150.0	Suburban
Unconditioned* 21.0	NatHERS climate zone
Total 171.0	56
Garage 18.0	

Accredited assessor

Name Brad Hoad

Business name Thermal Performance

Email brad@thermalperformance.com.au

Phone 0458-221-211

Accreditation No. 20731

Assessor Accrediting Organisation ABSA

Declaration of interest Declaration completed: no conflicts

5.4

The more stars the more energy efficient

NATIONWIDE HOUSE ENERGY RATING SCHEME

60.0 MJ/m²

Predicted annual energy load for heating and cooling based on standard occupancy assumptions.

For more information on your dwelling's rating see: www.nathers.gov.au

Thermal performance

Heating	Cooling
36.1	23.8
MJ/m ²	MJ/m ²

About the rating

NatHERS software models the expected thermal energy loads using information about the design and construction, climate and common patterns of household use. The software does not take into account appliances, apart from the airflow impacts from ceiling fans.

Verification

To verify this certificate, scan the QR code or visit www.hstar.com.au/QR/Generate? p=GGUMzuky. When using either link, ensure you are visiting www.hstar.com.au

National Construction Code (NCC) requirements

The NCC's requirements for NatHERS-rated houses are detailed in 3.12.0(a)(i) and 3.12.5 of the NCC Volume Two. For apartments the requirements are detailed in J0.2 and J5 to J8 of the NCC Volume One.

In NCC 2019, these requirements include minimum star ratings and separate heating and cooling load limits that need to be met by buildings and apartments through the NatHERS assessment. Requirements additional to the NatHERS assessment that must also be satisfied include, but are not limited to: insulation installation methods, thermal breaks, building sealing, water heating and pumping, and artificial lighting requirements. The NCC and NatHERS Heating and Cooling Load Limits (Australian Building Codes Board Standard) are available at www.abcb.gov.au.

State and territory variations and additions to the NCC may also apply.

* Refer to glossary
Generated on 16 Aug 2023 using BERS Pro v4.4.1.5 (3.21) for Unit Left, 13 Gowlland Parade , PANANIA , NSW , 2213

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Nationwide House Energy Rating Scheme

NatHERS Certificate No. 0008833485

Generated on 16 Aug 2023 using BERS Pro v4.4.1.5 (3.21)

Property

Address Unit Right, 13 Gowlland Parade , PANANIA , NSW , 2213

Lot/DP 37/232662

NCC Class* 1A

Type New Dwelling

Plans

Main plan Tony

Prepared by Martor Design

Construction and environment

Assessed floor area (m²)*	Exposure type
Conditioned* 150.0	Suburban
Unconditioned* 21.0	NatHERS climate zone
Total 171.0	56
Garage 18.0	

Accredited assessor

Name Brad Hoad

Business name Thermal Performance

Email brad@thermalperformance.com.au

Phone 0458-221-211

Accreditation No. 20731

Assessor Accrediting Organisation ABSA

Declaration of interest Declaration completed: no conflicts

5.4

The more stars the more energy efficient

NATIONWIDE HOUSE ENERGY RATING SCHEME

59.1 MJ/m²

Predicted annual energy load for heating and cooling based on standard occupancy assumptions.

For more information on your dwelling's rating see: www.nathers.gov.au

Thermal performance

Heating	Cooling
39.2	20.0
MJ/m ²	MJ/m ²

About the rating

NatHERS software models the expected thermal energy loads using information about the design and construction, climate and common patterns of household use. The software does not take into account appliances, apart from the airflow impacts from ceiling fans.

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A	Issue for DA	18.08.23	DM	DM
Issue	Amendment	Date	Drwn	Chk'd
1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.				
2. BUILDER TO CHECK & VERIFY ALL DIMENSIONS & LEVELS PRIOR TO COMMENCEMENT OF WORK.				
3. IT IS THE OWNERS RESPONSIBILITY TO ENSURE THAT THE ENGINEER HAS INVESTIGATED SUBSOIL CONDITIONS & DESIGNED ALL STRUCTURAL ELEMENTS TO SUIT.				
4. THE DESIGN & DETAILS CONTAINED ON THIS DRAWING IS SUPPLIED IN CONFIDENCE & IS NOT TO BE USED FOR ANY OTHER PURPOSE, EXCEPT THAT AUTHORISED BY MARTOR DESIGN				
© COPYRIGHT - MARTOR DESIGN				

Client:
Tony Martorano

Project:
PROPOSED DUAL OCCUPANCY

Address
Lot 37 DP 232662
13 Gowlland Pde Panania NSW 2213

martor design
architecture | design | interiors



Dwg Name: BASIX		
CAD File: C:\Users\domen\OneDrive\Documents\13 Gowlland\Gowlland Pde Panania.dgn		
Project North	Job No. 23001	Drawing No. DA02
	No. of sheets 2 of 14	Amend't A
Scale As shown @ A3	Date: APR 23	Drawn: DM