

These are the specifications upon which the certified NatHERS assessment is based. Any deviation from these specifications will invalidate the NatHERS certificate and therefore voids compliance of the development with the National Construction Code 2022. In case of any variation from these specifications contact Eco Certificates Pty Ltd to obtain updated NatHERS and BASIX certificates and an updated copy of these specifications. This document is a summary and general guide to the detailed specifications reflected on the NatHERS certificate of this project which must be accurately followed during design and construction of the Proposed Development.

Assessment Date: 23 / 10 / 2024

Assessor: Manuel Basiri - DMN Accredited Assessor DMN/12/1462 / MIEAust

Thermal Modeling Software: HERO 4.1

Development: EC - 4954 - 1-3 Gondola Road, North Narrabeen, NSW 2101

Windows and Skylights

	Description	Type	U Value	SHGC
1	All windows and glazed doors of unit 204	Generic glazing system modelled	4.80	0.33
2	All windows and glazed doors of units 104, 201, 203	Generic glazing system modelled	4.80	0.41
3	All windows and glazed doors of all other units	Generic glazing system modelled	4.80	0.59

Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 5% higher or lower, than the U and SHGC values of the product specified above.

External and Internal Walls

	Description	Construction Type	Insulation	Colour (Solar Absorptance)
1	All external walls of all units	As per plans	R 2.80	As per plans
2	All common, party and internal walls of all units	As per plans	None	N/A

The solar absorptance values are as per definition of Light, Medium and Dark Colours in the thermal modelling software and the naming might differ according to the latest version of the BASIX thermal comfort protocol.

Floors

	Description	Construction Type	Insulation	Floor Covering
1	All floors of first floor units on top of commercial areas	As per plans	None	As per plans
2	All other floors of first floor units	As per plans	R 2.50	As per plans
3	All floor of second floor units	As per plans	None	As per plans

Ceilings and Roofs

	Description	Construction Type	Insulation	Colour (Solar Absorptance)
1	All ceiling of second floor units	As per plans	R 5.0	N/A
2	All Roof	As per plans	None required for NatHERS thermal comfort compliance (unless required by other disciplines)	As per plans

Ceiling penetration(s) as a result of installation of sealed recessed downlights and 250 mm exhaust fans are being considered in the NatHERS thermal comfort modeling associated with this specifications schedule. If unsealed recessed downlights or other unsealed penetrations are introduced to the ceiling insulation of the project at a later stage, the NatHERS certificate associated with this specification and the BASIX certificate of this development, if any, would become invalid and must be updated. The sealed recessed downlights and exhaust fans are being modelled with 50 mm insulation clearance.