

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 of Australia 2016 and 2019. 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.

Assessment Date : 25 / 11 / 2019

Assessor : Manuel Basiri - ABSA Member / BDAV Accredited Assessor VIC/BDAV/12/1462 / MIEAust

Thermal Modeling Software : BERS Pro v4.3.0.2f (3.13)

Development : 22 Monserra Road, Allambie Heights NSW

Windows and Skylights

	Description	Type	U Value	SHGC
1	All windows of the main house	Aluminium framed double glazed low-E	4.3	0.47
2	All windows of granny flat	Aluminium framed single glazed low-E	5.6	0.36

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 10% higher or lower, than the U and SHGC values of the product specified above. Note that the NatHERS Technical Notes 2019 allows only a 5% tolerance for the SHGC value however this is overridden by BASIX Thermal Comfort Protocol 2017 to be 10%.

External and Internal Walls

	Description	Construction Type	Insulation	Colour (Solar Absorptance)
1	All external walls of the garage of main house	Cavity brick	None	Medium (0.30 < SA < 0.85)
2	A other external walls of the main house and walls adjacent to bin kiosk	Cavity brick and metal cladding	R2.8	Medium (0.30 < SA < 0.85)
3	All external walls of granny flat and walls adjacent to bin kiosk	Cavity brick	R1.5	Medium (0.30 < SA < 0.85)
4	All internal walls of garage of main house	Plasterboard on studs	R2.5	N/A
5	All other internal walls of main house and granny flat	Plasterboard on studs	None	N/A

The solar absorptance values are as per definition of Light, Medium and Dark Colours in the BERS Pro software and the naming might differ according to the BASIX thermal comfort protocol 2017.

Floors

	Description	Construction Type	Insulation	Floor Covering
1	All floor of the main house except the garage floor	Concrete slab on ground	R1.5	Not Specified (Defaults Applied)
2	All floor of the main house first level on top of open air	Suspended framed	R2.0	Not Specified (Defaults Applied)

Ceilings and Roofs

	Description	Construction Type	Insulation	Colour (Solar Absorptance)
1	All ceiling of first floor of main house and ground floor of the main house under open air and all ceiling of garage of the main house	Plasterboard	R4.5	N/A
2	All ceiling of granny flat	Plasterboard	R3.5	N/A
3	All roof of the main house	Metal cladding	None	Light (SA < 0.30)
4	All roof of the granny flat	Metal cladding	None	Medium (0.30 < SA < 0.85)

No ceiling penetration(s) as a result of installation of sealed or unsealed recessed downlights is being considered in the NatHERS thermal comfort modeling associated with this specifications schedule. If recessed downlights are introduced to the project at a later state the NatHERS certificate associated with this specification and the BASIX certificate of this development, if any, would become invalid and must be updated.