

NATHERS Thermal Performance Specifications (BASIX Thermal Comfort)

5 Commonwealth Parade, Manly

These are the Specifications upon which the Certified Assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project.

Windows	Glass	Frame	U value	SHGC	Detail
Default	Single glazed, clear	Aluminium	6.7	0.57	Generally for window types: Awning, bi-fold, casement, tilt 'n' turn
Default	Single glazed, clear	Aluminium	6.7	0.70	Generally for window types: Sliding window/ door, double hung, fixed, louvre
Default	Single glazed, low E High solar gain	Aluminium	5.4	0.58	To unit: 1 - all glazing (except glass blocks)
Default	Single glazed, low E low solar gain	Aluminium	5.6	0.41	To unit: 3 - all west facing glazing

Skylights	Glass	Frame	U value	SHGC	Detail
Default	Single glazed, clear	Aluminium	7.3	0.79	All skylights

External walls	Construction	Added Insulation	Detail
Cavity brick		R 1.0	All external walls

Internal walls	Construction	Added Insulation	Detail
Brick plastered		None	Internal walls generally
Brick plastered		R 1.5	To unit 1: walls adjoining car park, storage and lobby areas
Framed		None	To unit 3: generally for internal walls for level 3
Framed		R 2.5	To unit 3: level 3 internal walls adjoining roof void

Floors	Construction	Added Insulation	Covering	Detail
Concrete		None	As per drawings	Generally
Concrete		R 1.5	As per drawings	To units 1 and 2: floors over outside air or non-conditioned spaces – basement, services areas

Ceilings	Construction	Added Insulation	Detail
Plasterboard		None	Generally
Plasterboard		R 1.5	To units 1 and 2: ceilings below roof
Plasterboard		R 3.0	To unit 3: ceilings below roof and roof space

Roof	Construction	Added Insulation	Detail
Metal deck		(see above)	
Concrete		(see above)	

Other Requirements

All exhaust fans and downlights (if installed) to be **sealed** to prevent air-infiltration



Certificate no.: 0002593590
 Assessor Name: Robert Mallindine
 Accreditation no.: VIC/BDV/12/1475
 Certificate date: 27 March 2018

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