

NATHERS Thermal Performance Specifications (BASIX Thermal Comfort) 16-24 Hope Street, Penrith

These are the specifications upon which the NatHERS 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 (except where noted below): Awning, bi-fold, casement
Default	Single glazed, clear	Aluminium	6.7	0.70	Generally for window types (except where noted below):: Sliding window/ door, double hung, fixed, louvre
Default	Single glazed, low E (high solar gain)	Aluminium	5.4	0.49	All glazing for units: 4, 19, 21, 28, 41, 47, 50, 57, 58, 59 for window types: awning, bi-fold, casement
Default	Single glazed, low E (high solar gain)	Aluminium	5.4	0.58	All glazing for units: 4, 19, 21, 28, 41, 47, 50, 57, 58, 59 for window types: sliding window/ door, double hung, fixed
Default	Double glazed, low e (high solar gain)	Aluminium	4.3	0.47	All glazing for units: 1, 27, 31, 35 for window types: awning, bi-fold, casement
Default	Double glazed, low e (high solar gain)	Aluminium	4.3	0.53	All glazing for units: 1, 27, 31, 35 for window types: sliding window/ door, double hung, fixed

Skylights	Glass	Frame	U value	SHGC	Detail
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External walls	Construction	Added Insulation	Detail
Brick veneer		R 2.5	

Internal walls	Construction	Added Insulation	Detail
Plasterboard on studs		None	Walls within units
Hebel + stud		None	Walls between units
Hebel + stud / Concrete		R 1.0	Walls separating units from common lobbies / stairwells / services areas

Floors	Construction	Added Insulation	Detail
Concrete		None	Generally
Concrete		R 2.0	For units: 1, 2, 3, 4, 5, 6, 7, 30, 31, 32, 33, 34, 35

Ceilings	Construction	Added Insulation	Detail
Plasterboard		(see roof detail below)	

Roof	Construction	Added Insulation	Detail
Concrete		R 2.0	For units: 16, 17, 18, 19, 20, 21, 47, 48, 49, 50, 51, 52
Concrete		R 3.0	For units: 26, 27, 38, 29, 57, 58, 59, 60

Other Requirements

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



Certificate no.: 0004664110
 Assessor Name: Robert Mallindine
 Accreditation no.: VIC/BDAV/12/1475
 Certificate date: 11 March 2020

Dwelling Address:
 16-24 Hope Street
 Penrith, NSW
 2750

www.nathers.gov.au

