

**NatHERS Thermal Performance Specifications (BASIX Thermal Comfort)  
1105-1107 Barrenjoey Road, Palm Beach**

*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.*

<b>Windows</b>	<i>Glass *</i>	<i>Frame</i>	<i>U value</i>	<i>SHGC</i>	<i>Detail</i>
Default	Single glazed, low E low solar gain	Aluminium	5.6	0.36	For window types: awning, bi-fold, casement – Glazing generally
Default	Single glazed, low E low solar gain	Aluminium	5.6	0.41	For window types: sliding window/ door, double hung, fixed – Glazing generally
Default	Double glazed, low E low solar gain	Aluminium thermally broken	3.1	0.27	For unit G03 – all glazing

\* The glass type and frame descriptions are indicative only. The U-value and SHGC performance figures must be met to achieve compliance

<b>Skylights</b>	<i>Glass</i>	<i>Frame</i>	<i>U value</i>	<i>SHGC</i>	<i>Detail</i>
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<b>External walls</b>	<i>Construction</i>	<i>Added Insulation</i>	<i>Detail</i>
Concrete / AFS		R 2.0	All external walls

<b>Internal walls</b>	<i>Construction</i>	<i>Added Insulation</i>	<i>Detail</i>
Plasterboard on studs		None	Walls within units
Concrete		None	Party walls
Concrete		R 1.0	Walls separating units from stairwells, lift shafts, lobbies, service rooms

<b>Floors</b>	<i>Construction</i>	<i>Added Insulation</i>	<i>Detail</i>
Concrete		None	Floors generally
Concrete		R 2.0	Floors over basement carpark, garbage room, and open air

<b>Ceilings</b>	<i>Construction</i>	<i>Added Insulation</i>	<i>Detail</i>
Plasterboard		None	For units: G01, G02, G03
Plasterboard		R 3.0	For ceilings below roof and ceilings below roof spaces – units: 101, 102, 103, 104, 105, 201, 202, 203

<b>Roof</b>	<i>Construction</i>	<i>Added Insulation</i>	<i>Detail</i>
Concrete		Refer to ceiling detail above	
Tiles		Refer to ceiling detail above	

**Other Requirements**

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



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