

NATHERS Thermal Performance Specification - Palm Beach			
<b>External Walls</b>			
Wall Type	Insulation	Colour	Comments
Concrete Block/ AFS	R2.0	Med - SA 0.475 - 0.70	Throughout
SA - Solar Absorptance			
<b>Internal Walls</b>			
Wall Type	Insulation	Comments	
Plasterboard Stud	None	Internally in units	
Concrete Panel on studs	None	Party walls between units	
Concrete Panel on studs	None	Shared walls with lobby/stairs/lift	
<b>Floors</b>			
Floor Type	Insulation	Comments	
Suspended concrete slab	R1.5	Suspended floor of <b>U101 &amp; 301</b>	
Concrete	None	All units with adjoining unit below	
<b>Ceilings</b>			
Ceiling Type	Insulation	Comments	
Plasterboard	None	Floor above	
Plasterboard	R2.5	Exposed ceiling of <b>201, 202 &amp; 203</b>	
Plasterboard	R3.5	Exposed ceiling of <b>301</b>	
<i>Insulation loss due to downlights has been modelled in this assessment. A sealed exhaust fan has been included in every kitchen, bathroom, laundry and ensuite.</i>			
<b>Roof</b>			
Roof Type	Insulation	Colour	Comments
Concrete with waterproofing membrane	None	Med - SA 0.475 - 0.70	Throughout (no roof space)
SA - Solar Absorptance			
<b>Glazing</b>			
Opening type	U-Value	SHGC	Glazing & Frame Type
Sliding + Fixed: All units except below	4.3	0.53	e.g. Single glazed high performing clear low-e Aluminium frame
Sliding + Fixed: <b>U301</b>	4.1	0.52	e.g. Double glazed clear Aluminium frame
<i>U and SHGC values are based on the AFRC Default Windows Set. Glazing systems to be installed must have an equal or lower U value and a SHGC value ± 10% of the above specified values.</i>			
<b>Skylights</b>			
Skylight Type	Frame Type		Comments
na	na		na
<b>Ceiling fans</b>			
Size	Location		Comments
1200mm in diameter	<b>U301:</b> All bedrooms + Living rooms		na

## Certificate Prepared by



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