NatHERS Thermal Performance Specification - Palm Beach			
External Walls			
Wall Type	**Insulation**	**Colour**	**Comments**
Concrete Block/ AFS	R2.0	Med - SA 0.475 - 0.70	Throughout
SA - Solar Absorptance			
Internal Walls			
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	
Floors			
Floor Type	**Insulation**	**Comments**	
Suspended concrete slab	None	Suspended floor of **Units 101 & 201**	
Concrete	None	All units with adjoining unit below	
Ceilings			
Ceiling Type	**Insulation**	**Comments**	
Plasterboard	None	Floor above	
Plasterboard	R3.0	Exposed ceiling of **Units 201 & 202**	
Plasterboard	R4.0	Exposed ceiling of **301**	
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.			
Roof			
Roof Type	**Insulation**	**Colour**	**Comments**
Concrete with waterproofing membrane	None	Med - SA 0.475 - 0.70	Throughout (no roof space)
SA - Solar Absorptance			
Glazing			
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
Awning: All units except below	4.3	0.47	e.g. Single glazed high performing clear low-e Aluminium frame
Sliding + Fixed: **U301**	4.1	0.52	e.g. Double glazed clear Aluminium frame
Awning: **U301**	4.1	0.47	e.g. Double glazed clear Aluminium frame
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.			
Skylights			
Skylight Type	**Frame Type**	**Comments**	
na	na	na	
Ceiling fans			
Size	**Location**	**Comments**	
1400mm in diameter	All Living, lounge + Bedrooms	Throughout	