



CERTIFIED ENERGY - SUMMARY COMMITMENTS TABLE

1300 443 674
quote@certifiedenergy.com.au
www.certifiedenergy.com.au

Project Details	Accreditation Number: HERA 10056						
	Proposed: Lot Number:	Multi Occupancy 209	Address: DP NUMBER:	27 to 33 Middleton Avenue, Castle Hill, NSW, 2154 249973			
Thermal Comfort	NatHERS Certificate Number: HR-MQR6XX-01						
	Windows						
	For detailed window specifications please refer to NatHERS Certificate						
	A ± SHGC tolerance is allowed with this rating (refer to NatHERS Certificate). This tolerance ONLY applies to SHGC, the U-value can always be lower but not higher. If any of the windows selected are outside the tolerance then certificate is no longer valid and the dwelling will need to be rerated to confirm compliance.						
	Glazing (Dwelling or Unit)	Glass Type	Frame Type	Code	U-Val	SHGC (Substitution Tolerance)	Additional Notes
		Doubled Glazed Clear	Aluminium (Standard)	HAAWD-035-022	3.48	0.22 (0.21/0.24)	
		Double Glazed Clear	Aluminium (Standard)	HABDD-035-024	3.47		
		Doubled Glazed Clear	Aluminium (Standard)	HASDD-025-024	2.46	0.23 (0.22/0.24)	
		Doubled Glazed Clear	Aluminium (Standard)	HAFWD-025-024	2.46	0.24 (0.23/0.25)	
		Doubled Glazed Clear	Aluminium (Standard)	HAAWD-030-050	2.99	0.48 (0.46/0.51)	
	External Walls	Requirements			Insulation	Additional Notes	
	Brick Veneer		Common Areas	Dark Colour	R2.70 Bulk Insulation (@ Pos. 2)		
	Concrete Block			Dark Colour	No Insulation		
	Fibre Cement			Light Colour	R2.70 Bulk Insulation		
	Internal Walls					Additional Notes	
	Cavity wall, direct fix plasterboard	All units			No Insulation		
	T1				28mm Non-Ref Air (μ @0.82) + R1.50 Bulk Insulation + 20mm Non-Ref Air (μ @0.82)		
	T1a				28mm Non-Ref Air (μ @0.82) + 35mm Non-Ref Air (μ @0.82) + R1.50 Bulk Insulation		
	L1b				No Insulation		
	Floors				Under Slab Insulation	Slab Edge Insulation	Additional Notes
	Concrete slab on ground				No Insulation	N/A	
	Suspended concrete slab				R1.50 Bulk Insulation	N/A	
	Suspended concrete slab				No Insulation	N/A	
	Suspended concrete slab				R2.50 Bulk Insulation		
	Suspended concrete slab				R2.00 Bulk Insulation		
	Suspended concrete slab				R3.5 Bulk Insulation		
	Ceiling				Insulation	Additional Notes	
External ceiling -	Plasterboard			No insulation			
External ceiling -	Plasterboard			No Insulation			
Internal ceiling -	Plasterboard			No insulation			
Internal ceiling -	Plasterboard			R2.0 Bulk insulation			
Internal ceiling -	Plasterboard			R2.50 Bulk Insulation			
Roof				Insulation	Additional Notes		
				Light Colour (solar absorptance <0.475)			
Concrete				R1.79 Bulk Insulation			
				R2.68 Bulk Insulation			
				R3.57 Bulk Insulation			
Ceiling Penetrations							
Lighting specification	Dwelling is rated with Assumed downlight as per NatHERS Tech Note "Ceiling Penetrations 9.4 to 9.8"						
Ceiling Fans							
U006, U007, U102, U204, U409, U808, U1101, U1203	Kitchen, Living, Bedroom 1, Bedroom 2		Ceilings fans of 1200mm must be installed in the rooms mentioned in the NatHERS report				
Site							
Orientation of nominal north elevation				As shown on plans			
Overshadowing Details				Adjoining units calculated into model calculations			
* Approved fireproof downlight covers HAVE been specified, which can be fully covered by insulation. Ceiling penetrations for exhaust dampers have been allowed (to all bathrooms, ensuites and internal laundry's) at the rate of 0.04 meters squared per exhaust fan penetration.							
Energy & Water	BASIX Certificate Number: 1846179M						
	Fixtures			Alternative Water Details			
	Shower head rating	4 star (> 4.5 but <= 6 L/min)	Rainwater tank size		Central 10,000		
	Toilet rating	4 star	Connected to Tank/s:		Outdoor Garden Taps All Toilets Laundry		
	Kitchen taps rating	4 star	-		N/A N/A N/A		
	Bathroom Taps rating	4 star					
	Hot Water System		Lighting				
	Central System	Central hot watersystem (no. 1)	Gas storage	Refer to NatHERS Certificate for Full Count (If Applicable) Light-emitting diode (LED)			
	Ventilation						
	Bathroom Exhaust -	Individual fan, ducted to façade or roof	Kitchen Exhaust -	Individual fan, ducted to façade or roof	Laundry Exhaust -	Individual fan, ducted to façade or roof	
	Control Switch -	Manual switch on/off	Control Switch -	Manual switch on/off	Control Switch -	Manual switch on/off	
	Cooling			Heating			
	Systems to - Living areas	1-phase airconditioning	3.5 star	Systems to - Living areas	1-phase airconditioning	3.5 star	
	Systems to - Bedroom areas	1-phase airconditioning	3.5 star	Systems to - Bedroom areas	1-phase airconditioning	3.5 star	
	Appliances			Alternative Energy			
Cooktop-	Gas		Photovoltaic System (Minimum)				
Oven -	Electric		15 Peak kW				