

NCC 2022 NatHERS Thermal Performance Specification - Alstonville			
External Walls			
Wall Type	Insulation	Colour	Comments
Cavity brick	R0.7	Med - SA 0.475 - 0.70	As per elevations
Metal Cladding	R2.5	Med - SA 0.475 - 0.70	As per elevations
SA - Solar Absorptance			
Internal Walls			
Wall Type	Insulation	Comments	
Single skin brick	None	Internally In units (Ground floor)	
Plasterboard stud	None	Internally in units (Level 1)	
Cavity brick	None	Shared walls with units/lobbies	
Floors			
Floor Type	Insulation	Comments	
Concrete	None	Throughout	
Concrete	None	All units with adjoining unit below	
Ceilings			
Ceiling Type	Insulation	Comments	
Plasterboard	None	Unit above	
Plasterboard	R2.5	Roof/air above	
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
Metal	R1.3 foil-faced blanket	Med - SA 0.475 - 0.70	Throughout (ventilated cavity)
SA - Solar Absorptance			
Glazing			
Opening type	U-Value	SHGC	Glazing & Frame Type
Sliding + Fixed (Throughout)	5.4	0.58	e.g. Single glazed clear Aluminium frame
Awning (Throughout)	5.4	0.49	e.g. Single 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.			
Ceiling fan			
Size	Location		Comments
1200mm in diameter	Living and bedrooms		Throughout

Certificate Prepared by



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