

Thermal Performance Specifications

These are the Specifications upon which the Certified 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. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents

Windows	Product ID	Glass	Frame	U value	SHGC	Detail
Selected Alum windows		Single glass	Aluminium Sliding	6.7	0.7	All windows as selected
Selected Alum Windows		Single glass	Aluminium Awning	6.7	0.57	

Skylites

none

Window and skylight U and SHGC values, if specified, are according to ANAC 2005. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and SHGC values of the product specified above.

External walls	Construction	Insulation	Colour – solar abs.	Detail
Selected Brick Veneer		R2	Medium	As per plans

Garage Brick walls	None	Medium	As per Plans
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Internal walls	Construction	Insulation	Detail
	Stud/plasterbd walls	None	Throughout

Floors	Construction	Insulation	Covering	Detail
Selected Concrete floor		None (R1 to slab edge)	tiles/carpet as selected	As per plans
Upper framed floor		None	tiles/carpet as selected	AS per Plans

Cellings	Construction	Insulation	Detail
Plasterboard		R 3.5	As per plans

Roof	Construction	Insulation	Colour – solar abs.	Detail
Roof tiles (Selected)		Foil (RFL)	Medium	As per plans

Window cover	Internal (curtains)	External (awnings, shutters, etc)
None		None

Fixed shading	Eaves (width - inc. gutters, h't above windows)	Verandahs, Pergolas (type, description)
450	variable	As per plans

For construction in NSW the BCA Vol 1 or 2 must be complied with, in particular the following:

- Thermal construction in accordance with Vol 1 Section J1.2 or Vol 2 Part 3.12.1.1
- Thermal breaks in accordance with Section J1.3(d) & 1.5(c) or Part 3.12.1.2(c) & 3.12.1.4(b)
- Compensating for loss of ceiling insulation in accordance with Section J1.3(c) or Part 3.12.1.2(e)
- Floor insulation in accordance with Section J1.6(c) & (d) or Part 3.12.1.5(a)(iii) or (c) & (d)
- Building sealing in accordance with Section J3 or Part 3.12.3.1 to 3.12.3.6.

Note This Rating has assumed that surface mounted LED lights have been used in the project. If downlights are used Compensating for loss of ceiling insulation in accordance with BCA Section J1.3(c) or Part 3.12.1.2(e) is required and the Project is to be re rated.

All exhaust fans to exhaust out thru ext walls & be fitted with dampers & sealed

All windows on top floor to be fitted with Child Proof Screens as per BCA requirements



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 Certificate date: 28 June 2015
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