

Building Element Details

Project Zhang 143686 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	173.6 m ²
Unconditioned Area	45.6 m ²
Total Floor Area	219.2 m ²
Total Glazed Area	49.1 m ²
Total External Solid door Area	17.2 m ²
Glass to Floor Area	22.4 %
Gross External Wall Area	253.4 m ²
Net External Wall Area	187.0 m ²

Window

49.1 m ²	GGG-05-001a	Generics	Uval 6.57	SHGC 0.74
		Glass	Single Glazed	Clear
		Frame	Aluminium	

External Wall

126.9 m ²	Brick Veneer	Bulk Insulation R 2.0
15.1 m ²	Cavity Brick	No Insulation
15.9 m ²	Brick Veneer	No Insulation
29.2 m ²	Weatherboard Cavity Panel	Bulk Insulation R 2.0

Internal Wall

166.8 m ²	Cavity Panel 70mm gap	No Insulation
15.4 m ²	Cavity Panel 70mm gap	Bulk Insulation R 2.0

External Floor

87.4 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor R 1.0
13.1 m ²	Concrete Slab on Ground	20/80 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor R 1.0
31.4 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor R 1.0
1.6 m ²	Suspended Timber Floor	Carpet 10mm	No Insulation

External Ceiling

102.1 m ²	Plasterboard	Bulk Insulation R3.5	Unventilated roofspace
31.4 m ²	Plasterboard	No Insulation	Unventilated roofspace

Internal Floor/Ceiling

92.5 m ²	Timber Above Plasterboard	No Insulation
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Roof (Horizontal area)

133.5 m ²	Roof Tiles	Foil, Gap Above, Reflective Side Down, Anti-glare Up	22° slope	Hip roof
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	Energy Rating	Certificate Number 14412238
<input checked="" type="checkbox"/> Single-dwelling rating		5.0 stars
<input type="checkbox"/> Multi-unit development (attach listing of ratings)		heating 46.0 MJ/m ²
<small>Periods (as standard) of the energy audit by the assessor</small>		cooling 56.5 MJ/m ²
Recessed downlights confirmation: <input type="checkbox"/> Rated with <input checked="" type="checkbox"/> Rated without		
Assessor Name/Number	Jerry Fry VIC/BDV/12/1441	
Assessor Signature		Date 18-08-14