

# Building Element Details

Project 14-15430 Run 1  
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

## Summary

Conditioned Area	157.1 m <sup>2</sup>
Unconditioned Area	32.3 m <sup>2</sup>
Total Floor Area	189.4 m <sup>2</sup>
Total Glazed Area	35.2 m <sup>2</sup>
Total External Solid door Area	8.8 m <sup>2</sup>
Glass to Floor Area	18.6 %
Gross External Wall Area	233.7 m <sup>2</sup>
Net External Wall Area	189.7 m <sup>2</sup>

## Window

35.2 m <sup>2</sup>	GGG-05-001a	Generics	Uval 6.57	SHGC 0.74
	Glass	Single Glazed	Clear	
	Frame	Aluminium		

## External Wall

24.8 m <sup>2</sup>	Brick Veneer	No Insulation
120.4 m <sup>2</sup>	Brick Veneer	Bulk Insulation R 2.0
44.5 m <sup>2</sup>	Weatherboard Cavity Panel	Bulk Insulation R 2.0

## Internal Wall

167.8 m <sup>2</sup>	Cavity Panel 70mm gap	No Insulation
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## External Floor

21.8 m <sup>2</sup>	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor	R 1.0
55.6 m <sup>2</sup>	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 1.0
25.7 m <sup>2</sup>	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor	R 1.0
1.0 m <sup>2</sup>	Suspended Timber Floor	Carpet 10mm	No Insulation	

## External Ceiling

5.4 m <sup>2</sup>	Plasterboard	No Insulation	Unventilated roofspace
98.7 m <sup>2</sup>	Plasterboard	Bulk Insulation R3.5	Unventilated roofspace

## Internal Floor/Ceiling

85.3 m <sup>2</sup>	Timber Above Plasterboard	No Insulation
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## Roof (Horizontal area)

5.4 m <sup>2</sup>	Corrugated Iron	Double Sided Foil, Gap Above Foil	2° slope	Skillion roof
98.7 m <sup>2</sup>	Roof Tiles	Double Sided Foil, Gap Above Foil	25° slope	Hip roof

