

# Building Element Details

Project 14-15055 Run 1  
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

## Summary

Conditioned Area	153.9 m <sup>2</sup>
Unconditioned Area	41.8 m <sup>2</sup>
Total Floor Area	195.7 m <sup>2</sup>
Total Glazed Area	32.6 m <sup>2</sup>
Total External Solid door Area	12.0 m <sup>2</sup>
Glass to Floor Area	16.7 %
Gross External Wall Area	230.2 m <sup>2</sup>
Net External Wall Area	185.6 m <sup>2</sup>

## Window

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

## External Wall

26.7 m <sup>2</sup>	Brick Veneer	No Insulation
110.6 m <sup>2</sup>	Brick Veneer	Bulk Insulation R 1.5
48.3 m <sup>2</sup>	Weatherboard Cavity Panel	Bulk Insulation R 1.5

## Internal Wall

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

30.5 m <sup>2</sup>	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor	R 1.0
79.7 m <sup>2</sup>	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 1.0
13.9 m <sup>2</sup>	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor	R 1.0
0.6 m <sup>2</sup>	Suspended Timber Floor	Carpet 10mm	No Insulation	
2.4 m <sup>2</sup>	Suspended Timber Floor	Ceramic Tiles 8mm	No Insulation	

## External Ceiling

17.6 m <sup>2</sup>	Plasterboard	No Insulation	Unventilated roofspace
109.5 m <sup>2</sup>	Plasterboard	Bulk Insulation R3.0	Unventilated roofspace

## Internal Floor/Ceiling

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

127.1 m <sup>2</sup>	Corrugated Iron	No Insulation, Only an Air Gap	25° slope	Hip roof
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