

Building Element Details

Project 14-15057 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	150.9 m ²
Unconditioned Area	43.7 m ²
Total Floor Area	194.5 m ²
Total Glazed Area	32.2 m ²
Total External Solid door Area	12.0 m ²
Glass to Floor Area	16.5 %
Gross External Wall Area	252.9 m ²
Net External Wall Area	208.7 m ²

Window

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

External Wall

135.7 m ²	Brick Veneer	Bulk Insulation R 1.5
32.4 m ²	Brick Veneer	No Insulation
40.6 m ²	Weatherboard Cavity Panel	Bulk Insulation R 1.5

Internal Wall

136.4 m ²	Cavity Panel 70mm gap	No Insulation
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External Floor

6.2 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor R 1.0
30.7 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor R 1.0
76.4 m ²	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor R 1.0
1.5 m ²	Suspended Timber Floor	Carpet 10mm	No Insulation

External Ceiling

95.8 m ²	Plasterboard	Bulk Insulation R3.0	Unventilated roofspace
19.0 m ²	Plasterboard	No Insulation	Unventilated roofspace

Internal Floor/Ceiling

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

114.8 m ²	Corrugated Iron	No Insulation, Only an Air Gap	25° slope	Hip roof
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