

Building Element Details

Project 14-15056 Run 1
 PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	143.3 m ²
Unconditioned Area	43.8 m ²
Total Floor Area	187.0 m ²
Total Glazed Area	29.1 m ²
Total External Solid door Area	13.7 m ²
Glass to Floor Area	15.6 %
Gross External Wall Area	235.0 m ²
Net External Wall Area	192.2 m ²

Window

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

External Wall

118.0 m ²	Brick Veneer	Bulk Insulation R 1.5
26.4 m ²	Brick Veneer	No Insulation
47.7 m ²	Weatherboard Cavity Panel	Bulk Insulation R 1.5

Internal Wall

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

25.4 m ²	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor R 1.0
52.9 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor R 1.0
30.2 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor R 1.0
2.3 m ²	Suspended Timber Floor	Carpet 10mm	No Insulation

External Ceiling

102.5 m ²	Plasterboard	Bulk Insulation R3.0	Unventilated roofspace
8.3 m ²	Plasterboard	No Insulation	Unventilated roofspace

Internal Floor/Ceiling

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

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