

Building Element Details

Project 14-15427 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	157.1 m ²
Unconditioned Area	32.3 m ²
Total Floor Area	189.4 m ²
Total Glazed Area	35.6 m ²
Total External Solid door Area	8.8 m ²
Glass to Floor Area	18.8 %
Gross External Wall Area	233.7 m ²
Net External Wall Area	189.3 m ²

Window

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

External Wall

24.8 m ²	Brick Veneer	No Insulation
120.0 m ²	Brick Veneer	Bulk Insulation R 2.0
44.5 m ²	Weatherboard Cavity Panel	Bulk Insulation R 2.0

Internal Wall

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

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

External Ceiling

5.4 m ²	Plasterboard	No Insulation	Unventilated roofspace
98.7 m ²	Plasterboard	Bulk Insulation R3.5	Unventilated roofspace

Internal Floor/Ceiling

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

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

