

Building Element Details

Project 14-15054 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	147.8 m ²
Unconditioned Area	44.1 m ²
Total Floor Area	191.9 m ²
Total Glazed Area	30.1 m ²
Total External Solid door Area	12.0 m ²
Glass to Floor Area	15.7 %
Gross External Wall Area	250.9 m ²
Net External Wall Area	208.8 m ²

Window

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

External Wall

135.8 m ²	Brick Veneer	Bulk Insulation	R 1.5
31.3 m ²	Brick Veneer	No Insulation	
41.7 m ²	Weatherboard Cavity Panel	Bulk Insulation	R 1.5

Internal Wall

137.7 m ²	Cavity Panel 70mm gap	No Insulation	
----------------------	-----------------------	---------------	--

External Floor

6.7 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 1.0
30.6 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor	R 1.0
28.8 m ²	Concrete Slab on Ground	60/40 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor	R 1.0
44.9 m ²	Concrete Slab on Ground	80/20 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor	R 1.0
0.6 m ²	Suspended Timber Floor	Carpet 10mm	No Insulation	
0.9 m ²	Suspended Timber Floor	Ceramic Tiles 8mm	No Insulation	

External Ceiling

95.4 m ²	Plasterboard	Bulk Insulation R3.0	Unventilated roofspace	
17.1 m ²	Plasterboard	No Insulation	Unventilated roofspace	

Internal Floor/Ceiling

83.8 m ²	Timber Above Plasterboard	No Insulation		
---------------------	---------------------------	---------------	--	--

Roof (Horizontal area)

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

