

Building Element Details

Project 14-15433U1 Run 2
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	158.3 m ²
Unconditioned Area	11.9 m ²
Total Floor Area	170.2 m ²
Total Glazed Area	31.6 m ²
Total External Solid door Area	1.7 m ²
Glass to Floor Area	18.6 %
Gross External Wall Area	220.3 m ²
Net External Wall Area	187.0 m ²

Window

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

External Wall

134.4 m ²	Brick Veneer	Bulk Insulation	R 2.0
52.6 m ²	Weatherboard	Cavity Panel	Bulk Insulation R 2.0

Internal Wall

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

76.9 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 1.0
13.1 m ²	Concrete Slab on Ground	80/20 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor	R 1.0
0.5 m ²	Suspended Timber Floor	Carpet 10mm	No Insulation	
1.1 m ²	Suspended Timber Floor	Ceramic Tiles 8mm	No Insulation	

External Ceiling

91.5 m ²	Plasterboard	Bulk Insulation R3.5	Unventilated roofspace
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Internal Floor/Ceiling

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

91.5 m ²	Roof Tiles	Double Sided Foil, Gap Above Foil	25° slope	Hip roof
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Building Element Details

Project 14-15433U2 Run 1
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	31.5 m ²
Unconditioned Area	28.4 m ²
Total Floor Area	59.9 m ²
Total Glazed Area	9.0 m ²
Total External Solid door Area	8.5 m ²
Glass to Floor Area	15.0 %
Gross External Wall Area	115.6 m ²
Net External Wall Area	98.2 m ²

Window

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

External Wall

30.8 m ²	Brick Veneer No Insulation
13.6 m ²	Single Skin Brick to neighbour No Insulation
28.3 m ²	Brick Veneer Bulk Insulation R 2.0
25.5 m ²	Weatherboard Cavity Panel Bulk Insulation R 2.0

Internal Wall

13.6 m ²	Single Skin Brick No Insulation
28.4 m ²	Cavity Panel 70mm gap No Insulation

External Floor

23.6 m ²	Concrete Slab on Ground Bare No Insulation
0.4 m ²	Suspended Timber Floor Ceramic Tiles 8mm No Insulation
4.8 m ²	Timber Floor, Unit Below Ceramic Tiles 8mm No Insulation
12.0 m ²	Timber Floor, Unit Below Carpet 10mm No Insulation

External Ceiling

1.1 m ²	Plasterboard No Insulation Unventilated roofspace
39.6 m ²	Plasterboard Bulk Insulation R3.5 Unventilated roofspace

Internal Floor/Ceiling

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

1.1 m ²	Corrugated Iron No Insulation, Only an Air Gap 2° slope	Skillion roof
39.6 m ²	Roof Tiles Double Sided Foil, Gap Above Foil 25° slope	Hip roof

