

# Building Element Details

Project 14-15431U1 Run 1  
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

## Summary

Conditioned Area	153.3 m <sup>2</sup>
Unconditioned Area	8.9 m <sup>2</sup>
Total Floor Area	162.3 m <sup>2</sup>
Total Glazed Area	38.2 m <sup>2</sup>
Total External Solid door Area	1.7 m <sup>2</sup>
Glass to Floor Area	23.5 %
Gross External Wall Area	214.0 m <sup>2</sup>
Net External Wall Area	174.1 m <sup>2</sup>

## Window

38.2 m <sup>2</sup>	GGG-05-001a	Generics	Uval 6.57	SHGC 0.74
		Glass	Single Glazed	Clear
		Frame	Aluminium	

## External Wall

128.5 m <sup>2</sup>	Brick Veneer	Bulk Insulation R 2.0
45.6 m <sup>2</sup>	Weatherboard Cavity Panel	Bulk Insulation R 2.0

## Internal Wall

146.5 m <sup>2</sup>	Cavity Panel 70mm gap	No Insulation
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## External Floor

36.7 m <sup>2</sup>	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor	R 1.0
39.8 m <sup>2</sup>	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 1.0
12.9 m <sup>2</sup>	Suspended Timber Floor	Carpet 10mm	No Insulation	
1.4 m <sup>2</sup>	Suspended Timber Floor	Ceramic Tiles 8mm	No Insulation	

## External Ceiling

90.8 m <sup>2</sup>	Plasterboard	Bulk Insulation R3.5	Unventilated roofspace
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## Internal Floor/Ceiling

76.5 m <sup>2</sup>	Timber Above Plasterboard	No Insulation
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## Roof (Horizontal area)

90.8 m <sup>2</sup>	Roof Tiles	Double Sided Foil, Gap Above Foil	25° slope	Hip roof
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**Building Element Details**

Project 14-15431U2 Run 1  
 PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary  
 Conditioned Area 62.6 m<sup>2</sup>  
 Unconditioned Area 23.7 m<sup>2</sup>  
 Total Floor Area 86.4 m<sup>2</sup>  
 Total Glazed Area 15.4 m<sup>2</sup>  
 Total External Solid door Area 7.1 m<sup>2</sup>  
 Glass to Floor Area 17.8 %  
 Gross External Wall Area 143.8 m<sup>2</sup>  
 Net External Wall Area 121.3 m<sup>2</sup>

Window  
 15.4 m<sup>2</sup> GGG-05-001a Generics Uval 6.57 SHGC 0.74  
 Glass Single Glazed Clear  
 Frame Aluminium

External Wall  
 50.1 m<sup>2</sup> Weatherboard Cavity Panel Bulk Insulation R 2.0  
 45.5 m<sup>2</sup> Brick Veneer Bulk Insulation R 2.0  
 11.7 m<sup>2</sup> Brick Veneer No Insulation  
 14.0 m<sup>2</sup> Single Skin Brick to neighbour No Insulation

Internal Wall  
 57.3 m<sup>2</sup> Cavity Panel 70mm gap No Insulation

External Floor  
 3.3 m<sup>2</sup> Timber Floor, Unit Below Ceramic Tiles 8mm No Insulation  
 35.5 m<sup>2</sup> Timber Floor, Unit Below Carpet 10mm No Insulation  
 17.4 m<sup>2</sup> Concrete Slab on Ground Bare No Insulation  
 7.2 m<sup>2</sup> Concrete Slab on Ground Ceramic Tiles 8mm No Insulation  
 1.1 m<sup>2</sup> Suspended Timber Floor Ceramic Tiles 8mm No Insulation

External Ceiling  
 64.6 m<sup>2</sup> Plasterboard Bulk Insulation R3.5 Unventilated roofspace

Internal Floor/Ceiling  
 24.1 m<sup>2</sup> Timber Above Plasterboard No Insulation

Roof (Horizontal area)  
 64.6 m<sup>2</sup> Roof Tiles Double Sided Foil, Gap Above Foil 25° slope Hip roof

