

# Building Element Details

Project Arachchige 143683 Run 1  
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

## Summary

Conditioned Area	102.3 m <sup>2</sup>
Unconditioned Area	27.9 m <sup>2</sup>
Total Floor Area	130.2 m <sup>2</sup>
Total Glazed Area	39.7 m <sup>2</sup>
Total External Solid door Area	10.5 m <sup>2</sup>
Glass to Floor Area	30.5 %
Gross External Wall Area	184.0 m <sup>2</sup>
Net External Wall Area	133.8 m <sup>2</sup>

## Window

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

## External Wall

20.9 m<sup>2</sup> Brick Veneer No Insulation  
3.2 m<sup>2</sup> Cavity Brick No Insulation  
70.7 m<sup>2</sup> Brick Veneer Bulk Insulation R 2.0  
39.0 m<sup>2</sup> Weatherboard Cavity Panel Bulk Insulation R 2.0

## Internal Wall

18.4 m<sup>2</sup> Cavity Panel 70mm gap Bulk Insulation R 2.0  
89.1 m<sup>2</sup> Cavity Panel 70mm gap No Insulation

## External Floor

18.3 m<sup>2</sup> Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 1.0  
75.6 m<sup>2</sup> Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 1.0  
36.3 m<sup>2</sup> Concrete Slab on Ground Carpet 10mm Bulk Insulation in Contact with Floor R 1.0

## External Ceiling

18.3 m<sup>2</sup> Plasterboard No Insulation Ventilated roofspace  
111.9 m<sup>2</sup> Plasterboard Bulk Insulation R3.5 Ventilated roofspace

## Roof (Horizontal area)

130.2 m<sup>2</sup> Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 22° slope Hip roof



Accredited under the Nationwide House Energy Rating Scheme (NatHERS) Part A - Software BersPro V4.2 110811.

ABSA Accreditation No. 20856  
BDAV Accreditation No. VIC/BDAV/12/1441  
A.C.T COLA Lic. No. 2011291  
www.frysenergywise.com.au



	<b>Energy Rating</b>	Certificate Number <b>14412048</b>
<input checked="" type="checkbox"/> single-dwelling rating		4.5 stars
<input type="checkbox"/> multi-unit development (attach listing of ratings) <small>Provides data reported in the average across the multi-development</small>	heating	56.1 MJ/m <sup>2</sup>
	cooling	64.5 MJ/m <sup>2</sup>
Recessed downlights confirmation:	<input type="checkbox"/> Rated with	<input checked="" type="checkbox"/> Rated without
Assessor Name/Number	Jan Frys VIC/BDAV/12/1441	
Assessor Signature		Date 17-07-14