



# NatHERS Certificate

## New Dwelling



### 4.5 Stars

#### Simulation Software

Software Name BERS Pro 4.2  
Software Version Release 110811/A  
Engine Version CHENATH V2.13

#### Simulation Details

Project Name 36872952\_Landcom0018026\_1  
Date 26/03/2014  
Location PENRITH PC 2750  
Climate file climat28.TXT  
Adjusted Star Rating 4.5 Stars  
Conditioned Area 133.09 m<sup>2</sup>  
Unconditioned Area 29.23 m<sup>2</sup>  
Adjusted Cooling 39.5 MJ/m<sup>2</sup>  
Adjusted Heating 74.0 MJ/m<sup>2</sup>  
Adjusted Total 113.5 MJ/m<sup>2</sup>

#### Dwelling Address

DP Number  
Unit Number  
Lot Number 2361  
House Number  
Street Name Durant Street  
Development Name  
Suburb PENRITH NSW 2750

#### Client Details

Name Eden Brae Homes  
Phone 02 8824 3533 Fax  
Email  
Postal Address c/- Eden Brae Homes, PO BOX 6410 Baulkham Hills Business Centre NSW 2153  
Street Details

#### Assessor Details

Name C Silman  
Phone 02 9421 8402 Fax  
Email csilman@csr.com.au  
Postal Address  
Street Details Level 5, Trinita 3, 39 Delhi Road NORTH RYDE NSW 2113



Signed by the Assessor..... refer to stamp above ..... Date 28 / 4 / 14 .....

*Tilted roof windows with blinds cannot be modelled using this version of BERSPro.  
All windows are modelled with Holland Blinds for regulatory purposes.*

# Building Element Details

Project 36872952\_Landcom0018026 Run 1  
PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

## Summary

Conditioned Area 133.1 m<sup>2</sup>  
Unconditioned Area 29.2 m<sup>2</sup>  
Total Floor Area 162.3 m<sup>2</sup>  
Total Glazed Area 33.3 m<sup>2</sup>  
Total External Solid door Area 7.0 m<sup>2</sup>  
Glass to Floor Area 20.5 %  
Gross External Wall Area 220.9 m<sup>2</sup>  
Net External Wall Area 180.6 m<sup>2</sup>

## Window

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

## External Wall

106.2 m<sup>2</sup> Brick Veneer Bulk Insulation R 1.9  
22.1 m<sup>2</sup> Single Skin Brick No Insulation  
52.2 m<sup>2</sup> Cavity Panel wider than 70mm Bulk Insulation R 1.9  
0.0 m<sup>2</sup> Brick Veneer Bulk Insulation R 1.4

## Internal Wall

32.1 m<sup>2</sup> Cavity Panel wider than 70mm Bulk Insulation R 1.9  
53.5 m<sup>2</sup> Cavity Panel wider than 70mm No Insulation  
74.4 m<sup>2</sup> Cavity Panel 70mm gap No Insulation

## External Floor

42.8 m<sup>2</sup> Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 0.5  
16.9 m<sup>2</sup> Concrete Slab on Ground Carpet+Rubber Underlay 18mm Bulk Insulation in Contact with Floor R 0.5  
13.8 m<sup>2</sup> Concrete Slab on Ground 80/20 Carpet 10mm/Ceramic Bulk Insulation in Contact with Floor R 0.5  
19.3 m<sup>2</sup> Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 0.5

## External Ceiling

85.6 m<sup>2</sup> Plasterboard Bulk Insulation R3.5 Ventilated roofspace  
7.2 m<sup>2</sup> Plasterboard No Insulation Unventilated roofspace

## Internal Floor/Ceiling

61.8 m<sup>2</sup> Timber Above Plasterboard No Insulation  
12.1 m<sup>2</sup> Timber Above Plasterboard Bulk Insulation R 3.5

## Roof (Horizontal area)

11.7 m<sup>2</sup> Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 20° slope Skillion roof  
7.2 m<sup>2</sup> Corrugated Iron Foil, Gap Above, Reflective Side Down, Anti-glare Up 3° slope Skillion roof  
73.9 m<sup>2</sup> Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 25° slope Hip roof

