



NatHERS Certificate

New Dwelling



5.0 Stars

Simulation Software

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

Simulation Details

Project Name 36869969_Landcom0018029_1
Date 15/04/2014
Location PENRITH PC 2750
Climate file climat28.TXT
Adjusted Star Rating 5.0 Stars
Conditioned Area 147.07 m²
Unconditioned Area 33.19 m²
Adjusted Cooling 30.1 MJ/m²
Adjusted Heating 73.9 MJ/m²
Adjusted Total 104.1 MJ/m²

Dwelling Address

DP Number
Unit Number
Lot Number 2364
House Number
Street Name Empire Circuit
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 aboveDate..... 6 / 5 / 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 36869969_Landcom0018029 Run 1
 PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area 147.1 m²
 Unconditioned Area 33.2 m²
 Total Floor Area 180.3 m²
 Total Glazed Area 31.7 m²
 Total External Solid door Area 6.8 m²
 Glass to Floor Area 17.6 %
 Gross External Wall Area 227.6 m²
 Net External Wall Area 189.2 m²

Window

31.7 m² GGG-05-001a Generics Uval 6.57 SHGC 0.74
 Glass Single Glazed Clear
 Frame Aluminium

External Wall

116.7 m² Brick Veneer Bulk Insulation R 1.9
 21.9 m² Single Skin Brick No Insulation
 50.5 m² Cavity Panel wider than 70mm Bulk Insulation R 1.9

Internal Wall

49.1 m² Cavity Panel wider than 70mm No Insulation
 41.5 m² Cavity Panel wider than 70mm Bulk Insulation R 1.9
 79.1 m² Cavity Panel 70mm gap No Insulation

External Floor

48.8 m² Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 0.5
 17.3 m² Concrete Slab on Ground Carpet+Rubber Underlay 18mm Bulk Insulation in Contact with Floor R 0.5
 15.2 m² Concrete Slab on Ground 80/20 Carpet 10mm/Ceramic Bulk Insulation in Contact with Floor R 0.5
 21.8 m² Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 0.5

External Ceiling

96.1 m² Plasterboard Bulk Insulation R4.1 Ventilated roofspace
 6.9 m² Plasterboard No Insulation Unventilated roofspace

Internal Floor/Ceiling

66.8 m² Timber Above Plasterboard No Insulation
 14.8 m² Timber Above Plasterboard Bulk Insulation R 4.1

Roof (Horizontal area)

14.4 m² Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 20° slope Hip roof
 6.9 m² Corrugated Iron Foil, Gap Above, Reflective Side Down, Anti-glare Up 3° slope Skillion roof
 81.6 m² Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 25° slope Hip roof

