



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 36869984_Landcom0018030_1
Date 15/04/2014
Location PENRITH PC 2750
Climate file climat28.TXT
Adjusted Star Rating 4.5 Stars
Conditioned Area 136.71 m²
Unconditioned Area 30.45 m²
Adjusted Cooling 45.3 MJ/m²
Adjusted Heating 74.0 MJ/m²
Adjusted Total 119.3 MJ/m²

Dwelling Address

DP Number
Unit Number
Lot Number 2365
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 36869984_Landcom0018030 Run 1
 PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area 136.7 m²
 Unconditioned Area 30.4 m²
 Total Floor Area 167.2 m²
 Total Glazed Area 34.0 m²
 Total External Solid door Area 6.8 m²
 Glass to Floor Area 20.3 %
 Gross External Wall Area 227.1 m²
 Net External Wall Area 186.4 m²

Window

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

External Wall

111.7 m² Brick Veneer Bulk Insulation R 1.9
 21.5 m² Single Skin Brick No Insulation
 53.1 m² Cavity Panel wider than 70mm Bulk Insulation R 1.9
 0.0 m² Brick Veneer Bulk Insulation R 1.4

Internal Wall

52.3 m² Cavity Panel wider than 70mm No Insulation
 36.2 m² Cavity Panel wider than 70mm Bulk Insulation R 1.9
 75.6 m² Cavity Panel 70mm gap No Insulation

External Floor

42.9 m² Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 0.5
 18.5 m² Concrete Slab on Ground Carpet+Rubber Underlay 18mm Bulk Insulation in Contact with Floor R 0.5
 15.1 m² Concrete Slab on Ground 80/20 Carpet 10mm/Ceramic Bulk Insulation in Contact with Floor R 0.5
 18.9 m² Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 0.5

External Ceiling

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

Internal Floor/Ceiling

64.7 m² Timber Above Plasterboard No Insulation
 12.1 m² Timber Above Plasterboard Bulk Insulation R 4.1

Roof (Horizontal area)

11.9 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
 76.7 m² Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 25° slope Hip and Gable roof

