



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 37029570_Landcom0018264_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 36.6 MJ/m²
Adjusted Heating 73.8 MJ/m²
Adjusted Total 110.4 MJ/m²

Dwelling Address

DP Number
Unit Number
Lot Number 2315
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 above Date..... 18 / 6 / 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 37029570_Landcom0018264 Run 1
 PENRITH PC 2750 Lat -33.80 Long 150.70 Climate File climat28.TXT

Summary

Conditioned Area	147.1 m ²
Unconditioned Area	33.2 m ²
Total Floor Area	180.3 m ²
Total Glazed Area	39.4 m ²
Total External Solid door Area	6.8 m ²
Glass to Floor Area	21.9 %
Gross External Wall Area	227.6 m ²
Net External Wall Area	181.4 m ²

Window

39.4 m ²	GGG-05-001a Generics	Uval 6.57	SHGC 0.74
	Glass	Single Glazed	Clear
	Frame	Aluminium	

External Wall

109.5 m ²	Brick Veneer	Bulk Insulation	R 1.9
21.9 m ²	Single Skin Brick	No Insulation	
49.9 m ²	Cavity Panel wider than 70mm	Bulk Insulation	R 1.9

Internal Wall

28.8 m ²	Cavity Panel wider than 70mm	No Insulation
41.5 m ²	Cavity Panel wider than 70mm	Bulk Insulation R 1.9
79.1 m ²	Cavity Panel 70mm gap	No Insulation

External Floor

54.1 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor	R 0.5
27.1 m ²	Concrete Slab on Ground	80/20 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor	R 0.5
21.8 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor	R 0.5

External Ceiling

96.1 m ²	Plasterboard	Bulk Insulation R3.5	Ventilated roofspace
6.9 m ²	Plasterboard	No Insulation	Unventilated roofspace

Internal Floor/Ceiling

81.6 m ²	Timber Above Plasterboard	No Insulation
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Roof (Horizontal area)

14.4 m ²	Roof Tiles	Foil, Gap Above, Reflective Side Down, Anti-glare Up	20° slope	Hip roof
6.9 m ²	Corrugated Iron	Foil, Gap Above, Reflective Side Down, Anti-glare Up	3° slope	Skillion roof
81.6 m ²	Roof Tiles	Foil, Gap Above, Reflective Side Down, Anti-glare Up	25° slope	Hip and Gable roof

