



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 He 003534_2
Date 6/10/2014
Location THORNTON PG 2322
Climate file climat28.TXT
Adjusted Star Rating 4.5 Stars
Conditioned Area 102.17 m²
Unconditioned Area 29.10 m²
Adjusted Cooling 51.7 MJ/m²
Adjusted Heating 72.6 MJ/m²
Adjusted Total 124.3 MJ/m²

Dwelling Address

DP Number
Unit Number
Lot Number 2359
House Number
Street Name William Hart Crescent
Development Name
Suburb Thornton NSW 2322

Client Details

Name Wisdom Homes
Phone 4647 1200 Fax 4647 1233
Email
Postal Address 338 Camden Valley Way, Narellan, NSW 2567
Street Details

Assessor Details

Name Ian Fry
Phone 98992825 Fax 88248933
Email ian@fryenergywise.com.au
Postal Address Suite 29, 159 Ridgescop Drive, Castle Hill, NSW 2154
Street Details



Accredited under the Nationwide
House Energy Rating Scheme
(NatHERS) Part A - Software
BersPro V4.2 110811.
ABSA Accreditation No. 20856
BDGV Accreditation No.
VIC/BDGV12/1441
A.C.T. COLA Lic. No. 2011291
www.fryenergywise.com.au



Energy Rating		Certificate Number 14411697
<input checked="" type="checkbox"/> Single dwelling rating		4.5 stars
<input type="checkbox"/> Multi-unit dwelling (which is not a strata building)	heating	72.6 MJ/m ²
<input type="checkbox"/> Strata building (which is not a strata building)	cooling	51.7 MJ/m ²
Renowned above 40% to an accredited	<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> Performance
Assessor Name and Number	IAN FRY 98992825/88248933	
Assessor Signature	Date 10/09/14	

Signed by the Assessor.....Date...../...../.....

*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 He 003534 Run 2
 THORNTON PC 2322 Lat -32.80 Long 151.70 Climate File climat28.TXT

Summary

Conditioned Area 102.2 m²
 Unconditioned Area 29.1 m²
 Total Floor Area 131.3 m²
 Total Glazed Area 38.1 m²
 Total External Solid door Area 10.5 m²
 Glass to Floor Area 29.0 %
 Gross External Wall Area 183.8 m²
 Net External Wall Area 135.2 m²

Window

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

External Wall

82.2 m² Brick Veneer Bulk Insulation R 1.5
 32.0 m² Weatherboard Cavity Panel Bulk Insulation R 1.5
 3.5 m² Cavity Brick No Insulation
 17.5 m² Brick Veneer No Insulation

Internal Wall

90.5 m² Cavity Panel 70mm gap No Insulation
 18.9 m² Cavity Panel 70mm gap Bulk Insulation R 2.0

External Floor

37.4 m² Concrete Slab on Ground Carpet 10mm Bulk Insulation in Contact with Floor R 1.0
 75.0 m² Concrete Slab on Ground Ceramic Tiles 8mm Bulk Insulation in Contact with Floor R 1.0
 18.9 m² Concrete Slab on Ground Bare Bulk Insulation in Contact with Floor R 1.0

External Ceiling

112.4 m² Plasterboard Bulk Insulation R3.5 Ventilated roofspace
 18.9 m² Plasterboard No Insulation Ventilated roofspace

Roof (Horizontal area)

131.3 m² Roof Tiles Foil, Gap Above, Reflective Side Down, Anti-glare Up 22° slope Hip roof



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Energy Rating		Certificate No. 14411607
<input checked="" type="checkbox"/> Single-dwelling	4.5 stars	
<input type="checkbox"/> Multi-dwelling (apartment, townhouse, terrace, etc.)	12.5 stars	
<input type="checkbox"/> Multi-dwelling (detached house, etc.)	9.17 stars	
Passive design features:	<input type="checkbox"/> Passive solar	
Assessor Name: Lyndie	Assessor Signature: <i>[Signature]</i>	Date: 10/06/14