



BERS Pro 4.2

Release 110811/A
CHENATH V2.13

NatHERS Certificate

New Dwelling

Project **LOY011**
Location **MULGOA**
Climate **climat28.TXT**

Run **1**
PC **2745**
8/25/2013



Area Adjusted
5.0 Stars



Conditioned Area **307.39** m²
Unconditioned Area **95.43** m²
Adjusted Cooling **39.5** MJ/m²
Adjusted Heating **66.4** MJ/m²
Adjusted Total **105.9** MJ/m²

Dwelling Details

D P Number **244610**

Unit Number
or Name

Lot Number **29** OR House Number **55**

Street Name **Chain o Ponds Road**

Development
Name

Suburb or
Town **MULGOA**

State **NSW** Post Code **2745**

Client Details

Name **D.L. Architectural Design**

Phone **0417-224-342** Fax Email **dj@dlad.com.au**

Postal Address **155 Pitt Town Road KENTHURST NSW 2156**

Street Address **155 Pitt Town Road KENTHURST NSW 2156**

Assessor Details

Name **Brad Hoad**

Assessor
Number **20731**

Phone **0438-221-211** Fax **(02) 9629-3072** Email **brad@thermalperformance.com.au**

Postal Address **12 Livorno Grove GLENWOOD NSW 2768**

Street Address **12 Livorno Grove GLENWOOD NSW 2768**

Signed by the assessor

Date **04 / 09 / 2013**

*Tilted roof windows with blinds cannot be modelled using this version of BERS Pro
All windows are modelled with Holland Glinds for Regulatory Purposes*



Project LOV011 Run 1

MULGOA PC 2745 Lat -33.90 Long 150.70 Climate File climat28.TXT

PLEASE NOTE

This simulation has been carried out with unsealed recessed fluro/LED downlights to living areas and bed 1 & unsealed exhaust fans to wet areas as per plan with surface mounted lighting to the remainder. The ceiling insulation specified is R3.5, please ignore the R values indicated below, this is a proxy making allowance for the clearances required for the correct installation of the recessed down lights and ceiling insulation

Summary

Conditioned Area	307.4 m ²
Unconditioned Area	95.4 m ²
Total Floor Area	402.8 m ²
Total Glazed Area	62.5 m ²
Total External Solid door Area	25.6 m ²
Glass to Floor Area	15.5 %
Gross External Wall Area	331.8 m ²
Net External Wall Area	243.7 m ²

Window

58.8 m ²	GGG-05-001a Generics	Uval 6.57	SHGC 0.74
	Glass	Single Glazed Clear	
	Frame	Aluminium	
3.8 m ²	GGG-05-002a Generics	Uval 5.55	SHGC 0.73
	Glass	Single Glazed Clear	
	Frame	Timber	

External Wall

59.2 m ²	Brick Veneer	No Insulation
184.5 m ²	Brick Veneer	Bulk Insulation R 1.5

Internal Wall

27.6 m ²	Cavity Panel 70mm gap	Bulk Insulation R 1.5
324.0 m ²	Cavity Panel 70mm gap	No Insulation

External Floor

80.2 m ²	Concrete Slab on Ground	Bare	Bulk Insulation in Contact with Floor R 0.5
217.3 m ²	Concrete Slab on Ground	Carpet 10mm	Bulk Insulation in Contact with Floor R 0.5
55.1 m ²	Concrete Slab on Ground	Ceramic Tiles 8mm	Bulk Insulation in Contact with Floor R 0.5
50.1 m ²	Concrete Slab on Ground	40/60 Carpet 10mm/Ceramic	Bulk Insulation in Contact with Floor R 0.5

External Ceiling

208.4 m ²	Plasterboard	Bulk Insulation R3.5 Unventilated roofspace
194.5 m ²	Plasterboard	Bulk Insulation R3.1 Unventilated roofspace

Roof (Horizontal area)

402.8 m ²	Roof Tiles	Bulk, Reflective Side Down, Anti-glare Up R 0.0	27° slope	Hip roof
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