

## Summary Report



FirstRate: 5.1.8



Engine: 2.13

<b>Rating</b>	6.0 stars	
	★ ★ ★ ★ ★ ★	
<b>Mode</b>	New Home	
<b>Energy*</b>	Total	137.9 MJ/m2
	Heating	118.2 MJ/m2
	Cooling	19.8 MJ/m2
	<small>* Area correction applied as per NatHERS software protocol</small>	
<b>Areas</b>	Net Conditioned Floor Area (NCFA)	129.3 m2
	Unconditioned Room Area	29.3 m2
	Garage Area	20.5 m2
<b>Climate</b>	60 Tullamarine	
<b>Site Exposure</b>	suburban	
<b>Client Name</b>	Norma Place	
<b>Rated Address</b>	Unit 1, 44 Erebus Street Keilor Park 3042	
<b>Accredited Rater</b>	David Palmer VIC/BDAV/10/1045	
<b>Date</b>	14.12.2012	
<b>Reference</b>		
<b>Comment</b>		

This report requires the following: 1 No ventilated downlights. 2 Roof colour is dark. 3 All windows and external doors are weather stripped. 4 Floor finishes are as follows: tiles to ground ensuite, level 1 ensuite, bathroom, wc and laundry. Floating timber flooring to kitchen/dining/living/entry. Carpet to bedrooms 1, 2, 3, 4 and hall. 5 All windows have in line reveals. (Aluminium improved frames) 6 R5.0 bulk insulation with double-sided foil to ceiling including ceiling of garage. 7 R2.5 bulk insulation with one layer of double-sided foil to walls. 8 No central heating and cooling to ground ensuite, level 1 ensuite, bathroom, wc and laundry. 9 All exhaust fans except rangehood are to automatically close when not in use. 10 Level 1 wall cladding is FC sheet, ground floor walls are brick veneer except to garage. 11 Insulation between garage and house to match external wall insulation.

The energy values quoted are for comparison purposes only. They are not a prediction of actual energy use.

This rating only applies to the floor plan, construction details, orientation and climate as submitted and included in the attached stamped plans.

Changes to any of these could affect the rating.

FirstRate5 cannot model slab edge insulation.

Feature Report

FirstRate Feature Report

Zones

Zone	Area (m <sup>2</sup> )	Conditioning Type	Conditioned
kitchen/dining/living/entry	69.3	kitchen	Y
bedroom 1	16.8	bedroom	Y
ensuite	3.4	otherNightCond	N
wc	1.5	otherDayCond	N
laundry	4.1	otherDayCond	N
garage	20.5	garage	N
bedroom 2	18.1	bedroom	Y
bedroom 3	12.6	bedroom	Y
bedroom 4	12.7	bedroom	Y
hall	10.8	otherNightCond	N
bathroom	5.5	otherNightCond	N
level 1 ensuite	4.0	otherNightCond	N

Walls

Type	Insulation	Num Foil Layers	Foil Type	Area (m <sup>2</sup> )
BV: Brick Veneer	2.5	1	DS	98.6
SB: Single Brick	0.0	0	None	12.5
BV: Brick Veneer	0.0	0	None	16.3
FC: Fibro Clad Framed	2.5	1	DS	45.6
WB: Weatherboard	2.5	1	DS	50.5

Floors

Type	Insulation	Ventilation	Area (m <sup>2</sup> )
CSOG: Slab on Ground	0.0	encl	115.5
Timber	0.0	encl	63.7

Roofs/Ceilings

Type	Insulation	Area (m <sup>2</sup> )
Disc:Attic-Discontinuous (Tiled)	5.0	179.2

Windows

Type	Area

Type	U-Value	SHGC	Area (m <sup>2</sup> )
Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	6.35	0.77	36.12

#### Window Directions

Direction	Area (m <sup>2</sup> )
NNE	8.8
ESE	19.0
WNW	6.1
SSW	2.2

#### Air leakage

Item	Sealed	Unsealed
Chimneys	0	0
Exhaust Fans	5	0
Wall Vents		0
Down Lights		0
Unflued Gas Heaters		0

#### Zone Energy Loads

Zone	Heating (MJ/m <sup>2</sup> )	Total Heating (MJ)	Cooling (MJ/m <sup>2</sup> )	Total Cooling (MJ)
bedroom 1	59.5	996.6	14.9	250.1
bedroom 2	139.6	2528.7	20.3	368.5
bedroom 3	112.3	1416.9	15.0	189.7
bedroom 4	95.4	1207.9	18.1	229.6
kitchen/dining	159.0	11011.8	26.5	1836.5

## Client Details

Client's Name Norma Place  
House Title  
Street Address Unit 1, 44 Erebus Street  
Suburb Keilor Park  
Postcode 3042  
Phone No  
Fax No  
Council  
Postal Address  
Postal Suburb  
Postal Postcode  
Additional Comments

## Report Details

Report Date  
Ref No  
Comment

14.12.2012

This report requires the following:

- 1 No ventilated downlights.
- 2 Roof colour is dark.
- 3 All windows and external doors are weather stripped.
- 4 Floor finishes are as follows:  
tiles to ground ensuite, level 1  
ensuite, bathroom, wc and laundry. Floating timber flooring to kitchen/dining/living/entry. Carpet to bedrooms 1, 2, 3, 4 and hall.
- 5 All windows have in line reveals.  
(Aluminium improved frames)
- 6 R5.0 bulk insulation with double-sided foil to ceiling including ceiling of garage.
- 7 R2.5 bulk insulation with one layer of double-sided foil to walls.
- 8 No central heating and cooling to ground ensuite, level 1 ensuite, bathroom, wc and laundry.
- 9 All exhaust fans except rangehood are to automatically close when not in use.
- 10 Level 1 wall cladding is FC sheet, ground floor walls are brick veneer except to garage.
- 11 Insulation between garage and house to match external wall insulation.

## Climate Details

Post Code 3042  
Alternative Climate Zone 60  
natHERS Climate Zone 60

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Assessor's Name

Phone No

Fax No

David Palmer VIC/BDAV/10/1045

### ground floor zones

Name	Type	Ceiling		Heated	Cooled	Chimneys		Wall		Exhaust Fans Sealed	Exhaust Fans Unsealed	Vented		Unflued Gas Heaters Unsealed
		Fans	Fan Type			Sealed	Unsealed	Ceiling Vents Unsealed	Sealed			Unsealed		
kitchen/dining/living/entry	Kitchen	0	900 mm diameter	true	true	0	0	0	0	1	0	0	0	0
bedroom 1	Bedroom	0	900 mm diameter	true	true	0	0	0	0	0	0	0	0	0
ensuite	Other (night cond)	0	900 mm diameter	false	false	0	0	0	0	1	0	0	0	0
wc	Other (day cond)	0	900 mm diameter	false	false	0	0	0	0	1	0	0	0	0
laundry	Other (day cond)	0	900 mm diameter	false	true	0	0	0	0	0	0	0	0	0
garage	Garage	0	900 mm diameter	false	false	0	0	0	0	0	0	0	0	0

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### Level 1 zones

Name	Type	Ceiling		Heated	Cooled	Chimneys		Wall Vents	Ceiling Unsealed	Exhaust Fans Sealed	Exhaust Fans Unsealed	Vented		Unflued Gas Heaters Unsealed
		Fans	Fan Type			Sealed	Unsealed					Downlights Unsealed	Wing wall Obstruction	
bedroom 2	Bedroom	0	900 mm diameter	true	true	0	0	0	0	0	0	0	0	0
bedroom 3	Bedroom	0	900 mm diameter	true	true	0	0	0	0	0	0	0	0	0
bedroom 4	Bedroom	0	900 mm diameter	true	true	0	0	0	0	0	0	0	0	0
hall (night cond)	Other	0	900 mm diameter	false	false	0	0	0	0	0	0	0	0	0
bathroom (night cond)	Other	0	900 mm diameter	false	false	0	0	0	0	1	0	0	0	0
level 1 ensuite (night cond)	Other	0	900 mm diameter	false	false	0	0	0	0	1	0	0	0	0

### Kitchen/dining/living/entry walls

Title	Type	Orientation	Foil & Insulation	Width	Height	Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall Obstruction
Wall 13	BV: Brick Veneer	NNE: North North East	R2.5 DS 1	8.67 m	2.74 m	250.00 mm	0.00 m	defined		medium	select... select...
Wall 12	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None	1.46 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...
Wall 43	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	1.44 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...
Wall 11	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0.13 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...
Wall 42	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None	0.10 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...
Wall 45	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None	2.84 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...
Wall	Int: Internal Plasterboard Stud	WNNW: West North	R0.0 None	0.13 m	2.40 m	110.00 mm	0.00 m	select...		medium	select... select...

## Kitchen/dining/living/entry walls(cont.)

Title	Type	Orientation	Foil &			Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width	Height						
Wall 44	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 0.13 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 46	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 1.45 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 33	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 0.11 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 35	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 1.82 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 9	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 0.12 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 34	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.13 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 8	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.54 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 7	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 3.76 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 6	BV: Brick Veneer	WNW: West North West	R2.5 DS 1	1.64 m	2.74 m	250.00 mm	0.00 m defined		medium	select...	select...
Wall 52	BV: Brick Veneer	SSW: South South West	R2.5 DS 1	0.85 m	2.74 m	250.00 mm	0.00 m defined		medium	select...	select...
Wall 54	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 5.96 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 5	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 0.12 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 53	Int: Internal Plasterboard Stud Wall	WNW: West North West	R0.0 None	0 0.11 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 4	Int: Internal Plasterboard Stud Wall	WNW: West North West	R0.0 None	0 2.32 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 3	BV: Brick Veneer	SSW: South South West	R2.5 DS 1	7.57 m	2.74 m	250.00 mm	0.00 m defined		medium	select...	select...
Wall 2	BV: Brick Veneer	ESE: East South East	R2.5 DS 1	7.89 m	2.74 m	250.00 mm	0.00 m defined		medium	select...	select...

**Kitchen/dining/living/entry openings**

Name	Style	Height	Width	Type	Window Type	Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
Opening 16	Window	1.80 m	1.81 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	1.11 m	2.10 m	30.0	true	select...	HB: Holland blind	None
Opening 17	Window	1.80 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	3.81 m	2.10 m	60.0	true	select...	HB: Holland blind	None
Opening 18	Window	1.80 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	5.28 m	2.10 m	60.0	true	select...	HB: Holland blind	None
Opening 19	Window	0.45 m	0.45 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	7.43 m	2.10 m	90.0	true	select...	HB: Holland blind	None
Opening 30	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.64 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 29	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.34 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 31	Door	2.10 m	0.92 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.37 m	2.10 m	100.0	true	select...	HB: Holland blind	None
Opening 1	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	4.91 m	2.10 m	100.0	true	select...	HB: Holland blind	None
Opening 14	Window	2.40 m	4.48 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Sliding	0.48 m	2.40 m	20.0	true	select...	HB: Holland blind	None
Opening 15	Window	1.80 m	1.81 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	5.52 m	2.10 m	30.0	true	select...	HB: Holland blind	None

**Kitchen/dining/living/entry floors**

Name	Floor area	Floor type	Floor covering	Sub-floor	ventilation	Floor foil & insulation	Connects floor
Area 1	69.26 m <sup>2</sup>	CSOG: Slab on Ground	Floating Timber		Enclosed	R0.0 None 0	



## Kitchen/dining/living/entry ceilings

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 1	69.26 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

## bedroom 1 walls

Title	Type	Orientation	Foil & insulation			Base Height		Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width	Height	Thickness	Height				
Wall 116	BV: Brick Veneer	WNNW: West North West	R2.5 DS 1	2.37 m	2.74 m	250.00 mm	0.00 m	defined	medium	select...	select...
Wall 18	BV: Brick Veneer	WNNW: West North West	R2.5 DS 1	1.36 m	2.74 m	250.00 mm	0.00 m	defined	medium	select...	select...
Wall 17	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	3.79 m	2.74 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 25	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None 0	0.31 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 24	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None 0	1.91 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 16	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None 0	0.10 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 23	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	0.12 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 15	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	1.76 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 14	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None 0	1.41 m	2.74 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 1	BV: Brick Veneer NNE: North North East	R2.5 DS 1	5.65 m	2.74 m	250.00 mm	0.00 m	defined	medium	select...	select...	

**bedroom 1 openings**

Name	Style	Height	Width	Type	Window Type	Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
Opening 20	Window	1.80 m	0.60 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.23 m	2.10 m	60.0	true	select...	HB: Holland blind	None
Opening 21	Window	1.80 m	0.60 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	1.60 m	2.10 m	60.0	true	select...	HB: Holland blind	None
Opening 22	Window	1.80 m	0.60 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.57 m	2.10 m	60.0	true	select...	HB: Holland blind	None
Opening 28	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.89 m	2.10 m	100.0	false	select...	HB: Holland blind	None

**bedroom 1 floors**

Name	Floor area	Floor type	Floor covering	Sub-floor	ventilation	Floor foil & insulation	Connects floor
Area 2	16.76 m <sup>2</sup>	C SOG: Slab on Ground	Carpet		Enclosed	R0.0 None 0	

**bedroom 1 ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 2	16.76 m <sup>2</sup>	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**ensuite walls**

Title	Type	Orientation	Foil & Insulation	Width	Height	Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
Wall 22	Int: Internal Plasterboard Stud Wall	W/NW: West	None	0.1.91 m	2.74 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 21	Int: Internal Plasterboard Stud Wall	SSW: South	None	0.1.80 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...

**ensuite walls (cont.)**

Title	Type	Orientation	Foil & insulation			Base		Connects zone	Wall colour	Wing wall	Obstruction
			Width	Height	Thickness	Height	Eave				
Wall 20	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	1.91 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...
Wall 19	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None 0	1.78 m	2.74 m	110.00 mm	0.00 m	select...	medium	select...

**ensuite openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Type							
Opening 28	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	Casement	0.89 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 33	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	Casement	0.72 m	2.10 m	100.0	false	select...	HB: Holland blind	None

**ensuite floors**

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 3	3.41 m2	CSOG: Slab on Ground	Tiles	Enclosed	R0.0	None 0

**ensuite ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 3	3.41 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**WC walls**

**wc walls(cont.)**

Title	Type	Orientation	Foil & insulation			Thickness	Base Height	Eave Height	Connects zone	Wall colour	Wing wall	Obstruction
			insulation	Width	Height							
Wall 29	Int: Internal Plasterboard Stud Wall	WNW: West North West	R0.0	None	0	0.53 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...
Wall 28	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0	None	0	1.78 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...
Wall 27	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None	0	0.85 m	2.40 m	110.00 mm	0.00 m	select...	medium	select... select...
Wall 26	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None	0	1.78 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...

**wc openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Type							
Opening 29	Door	2.10 m	0.72 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	Casement	0.34 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 33	Door	2.10 m	0.72 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	Casement	0.72 m	2.10 m	100.0	false	select...	HB: Holland blind	None

**wc floors**

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 4	1.53 m2	CSOG: Slab on Ground	Tiles	Enclosed	R0.0 None 0	

**wc ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 4	1.53 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**laundry walls**

Title	Type	Orientation	Foil &			Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			insulation	Width	Height						
Wall 37	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0	None	0 1.87 m 2.74 m	110.00 mm	0.00 m select...	medium	select...	select...	
Wall 41	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0	None	0 0.12 m 2.40 m	110.00 mm	0.00 m select...	medium	select...	select...	
Wall 38	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0	None	0 0.85 m 2.74 m	110.00 mm	0.00 m select...	medium	select...	select...	
Wall 31	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0	None	0 1.45 m 2.74 m	110.00 mm	0.00 m select...	medium	select...	select...	
Wall 32	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None	0 2.84 m 2.74 m	110.00 mm	0.00 m select...	medium	select...	select...	
Wall 36	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None	0 1.42 m 2.74 m	110.00 mm	0.00 m select...	medium	select...	select...	

**laundry openings**

Name	Style	Height	Width	Type	Window Type	Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
Opening 30	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.64 m	2.10 m	100.0	false	select...	HB: Holland blind	None

**laundry floors**

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 5	4.08 m <sup>2</sup>	CSOG: Slab on Ground	Tiles	Enclosed	R0.0 None 0	

**laundry ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 5	4.08 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**garage walls**

Title	Type	Orientation	Foil & insulation			Base Height	Connects zone	Wall colour	Wing wall	Obstruction
			insulation	Width	Height					
Wall 49	SB: Single Brick	WNW: West West	R0.0 None	0 3.44 m	2.74 m	110.00 mm	0.00 m	defined	medium	select... select...
Wall 107	BV: Brick Veneer	SSW: South West	R0.0 None	0 1.10 m	2.74 m	250.00 mm	0.00 m	defined	medium	select... select...
Wall 48	BV: Brick Veneer	SSW: South West	R0.0 None	0 4.85 m	2.74 m	250.00 mm	0.00 m	select...	medium	select... select...
Wall 50	SB: Single Brick	ESE: East South East	R0.0 None	0 1.12 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...
Wall 40	Int: Internal Plasterboard Stud Wall	ESE: East South East	R2.5 DS 1	2.32 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...
Wall 39	Int: Internal Plasterboard Stud Wall	NNE: North North East	R2.5 DS 1	5.96 m	2.74 m	110.00 mm	0.00 m	select...	medium	select... select...

**garage openings**

Name	Style	Height	Width	Type	Window Type	Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
Opening 34	Door	2.15 m	2.80 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.36 m	2.15 m	100.0	false	select...	HB: Holland blind	None
Opening 32	Door	2.10 m	0.72 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.02 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 1	Door	2.10 m	0.72 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	4.91 m	2.10 m	100.0	true	select...	HB: Holland blind	None

**garage floors**

Name	Floor area	Floor type	Floor covering	Sub-floor	ventilation	Floor foil & insulation	Connects floor
Area 6	20.47 m2	CSOG: Slab on Ground	None		Enclosed	R0.0 None 0	

**garage ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 6	20.47 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**bedroom 2 walls**

Title	Type	Orientation	Foil & insulation	Width	Height	Thickness	Base Height	Eave Connects zone	Wall colour	Wing wall	Obstruction
Wall 64	FC: Fibro Clad Framed	WNW: West North West	R2.5 DS 1	0.90 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 63	FC: Fibro Clad Framed	NNE: North North East	R2.5 DS 1	0.41 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 62	FC: Fibro Clad Framed	WNW: West North West	R2.5 DS 1	1.75 m	2.74 m	116.00 mm	0.00 m	select...	light	select...	select...
Wall 61	FC: Fibro Clad Framed	SSW: South South West	R2.5 DS 1	0.38 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 60	FC: Fibro Clad Framed	WNW: West North West	R2.5 DS 1	0.98 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 59	FC: Fibro Clad Framed	SSW: South South West	R2.5 DS 1	1.03 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 58	WB: Weatherboard	WNW: West North West	R2.5 DS 1	1.63 m	2.74 m	115.00 mm	0.00 m	defined	light	select...	select...
Wall 57	WB: Weatherboard	SSW: South South West	R2.5 DS 1	2.09 m	2.74 m	115.00 mm	0.00 m	defined	light	select...	select...

**bedroom 2 walls (cont.)**

Title	Type	Orientation	Foil &		Thickness	Base		Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width		Height	Eave				
Wall 118	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 56	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 117	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 55	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 93	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 109	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	110.00 mm	0.00 m	select...		light	select...	select...
Wall 51	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	None 0	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 47	FC: Fibro Clad Framed NNE: North North East		R2.5	DS 1	116.00 mm	0.00 m	defined		light	select...	select...

**bedroom 2 openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Offset							
Opening 6	Window	0.90 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.00 m	2.10 m	90.0		true	select...	HB: Holland blind	None
Opening 7	Window	1.20 m	1.50 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.00 m	2.10 m	45.0		true	select...	HB: Holland blind	None
Opening 8	Window	0.90 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.17 m	2.10 m	90.0		true	select...	HB: Holland blind	None
Opening 27	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.01 m	2.10 m	100.0		false	select...	HB: Holland blind	None
Opening 23	Door	2.10 m	0.82 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.68 m	2.10 m	100.0		false	select...	HB: Holland blind	None



**bedroom 2 floors**

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 7	18.11 m2	Timber	Carpet	Enclosed	R0.0 None 0	

**bedroom 2 ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 7	18.11 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**bedroom 3 walls**

Title	Type	Orientation	Foil & insulation	Width	Height	Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
Wall 70	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None 0	2.12 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 95	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	0.45 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 69	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	0.14 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 94	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None 0	0.14 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 68	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None 0	0.89 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 67	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None 0	3.61 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 66	WB: Weatherboard	ESE: East South East	R2.5 DS 1	3.15 m	2.74 m	115.00 mm	0.00 m	defined		light	select...	select...
Wall 65	WB: Weatherboard	NNE: North North East	R2.5 DS 1	4.21 m	2.74 m	115.00 mm	0.00 m	defined		light	select...	select...

**bedroom 3 openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Offset							
Opening 25	Door	2.10 m	0.77 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.00 m	2.10 m	100.0	false select...	HB: Holland blind		None	
Opening 12	Window	1.37 m	1.81 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.59 m	2.10 m	45.0	true select...	HB: Holland blind		None	
Opening 5	Window	1.20 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	2.61 m	2.10 m	90.0	true select...	HB: Holland blind		None	
Opening 13	Window	1.20 m	0.61 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.35 m	2.10 m	90.0	true select...	HB: Holland blind		None	

**bedroom 3 floors**

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 8	12.62 m2	Timber	Carpet	Enclosed	R0.0 None 0	

**bedroom 3 ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 8	12.62 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**bedroom 4 walls**

Title	Type	Orientation	Foil & Insulation			Base Height		Connects zone	Wall colour	Wing wall	Obstruction
			Width	Height	Thickness	Height	Eave				
Wall 97	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None 0	0.90 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 76	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0 None 0	0.14 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...

**bedroom 4 walls (cont.)**

Title	Type	Orientation	Foil & insulation			Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width	Height							
Wall 96	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None	0.14 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 75	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None	0.44 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 74	Int: Internal Plasterboard Stud Wall	WNNW: West North West	R0.0	None	0.217 m	2.40 m	110.00 mm	0.00 m	select...	medium	select...	select...
Wall 73	FC: Fibro Clad Framed	SSW: South South West	R2.5	DS 1	4.13 m	2.74 m	116.00 mm	0.00 m	select...	light	select...	select...
Wall 72	FC: Fibro Clad Framed	ESE: East South East	R2.5	DS 1	3.21 m	2.74 m	116.00 mm	0.00 m	defined	light	select...	select...
Wall 71	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0	None	0.355 m	2.74 m	110.00 mm	0.00 m	select...	light	select...	select...

**bedroom 4 openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Type							
Opening 26	Door	2.10 m	0.82 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.01 m	2.10 m	100.0	false	select...	HB: Holland blind	None	
Opening 11	Window	1.37 m	1.81 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.70 m	2.10 m	45.0	true	select...	HB: Holland blind	None	

**bedroom 4 floors**

Name	Floor area	Floor type	Floor covering	Sub-floor	ventilation	Floor foil & insulation	Connects floor
Area 9	12.67 m <sup>2</sup>	Timber	Carpet		Enclosed	R0.0 None 0	

**bedroom 4 ceilings**

**hall walls**

Title	Type	Orientation	Foil &			Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width	Height						
Wall 86	Int: Internal Plasterboard Stud Wall	WNW: West North West	R0.0 None	0 1.71 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 119	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 0.64 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 85	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 0.11 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 84	Int: Internal Plasterboard Stud Wall	WNW: West North West	R0.0 None	0 2.92 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 83	WB: Weatherboard	SSW: South South West	R2.5 DS 1	1.96 m	2.74 m	115.00 mm	0.00 m select...		light	select...	select...
Wall 92	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 2.18 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 82	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.14 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 91	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 0.20 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 81	Int: Internal Plasterboard Stud Wall	SSW: South South West	R0.0 None	0 0.44 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 90	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.90 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 88	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.14 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...
Wall 80	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None	0 0.89 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 89	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 0.45 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 106	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 0.17 m	2.74 m	110.00 mm	0.00 m select...		light	select...	select...
Wall 108	Int: Internal Plasterboard Stud Wall	NNE: North North East	R0.0 None	0 1.97 m	2.40 m	110.00 mm	0.00 m select...		medium	select...	select...

**hall walls(cont.)**

Title	Type	Orientation	Foil &		Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width							
Wall 79	Int: Internal Plasterboard Stud Wall	NNE: North East	R0.0	0.11 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 120	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	0.15 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 30	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0	0.25 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 78	Int: Internal Plasterboard Stud Wall	NNE: North East	R0.0	0.65 m	110.00 mm	0.00 m	select...		medium	select...	select...

**hall openings**

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Type							
Opening 23	Door	2.10 m	0.82 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.68 m	2.10 m	100.0	false	select...		HB: Holland blind	None
Opening 10	Window	1.20 m	1.51 m	Generic 02: Aluminium improved clear glass: U = 6.35: SHGC = 0.77	Awning	0.29 m	2.10 m	0.0	true	select...		HB: Holland blind	None
Opening 26	Door	2.10 m	0.82 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.01 m	2.10 m	100.0	false	select...		HB: Holland blind	None
Opening 25	Door	2.10 m	0.77 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.00 m	2.10 m	100.0	false	select...		HB: Holland blind	None
Opening 24	Door	2.10 m	0.72 m	Generic 01: Aluminium standard clear glass: U = 7.32: SHGC = 0.77	Casement	0.28 m	2.10 m	100.0	false	select...		HB: Holland blind	None

**hall floors**

Name	Floor area	Floor type	Floor covering	Sub-floor	ventilation	Floor foil & insulation	Connects floor
Area 10	10.83 m2	Timber	Carpet		Enclosed	R0.0 None 0	

**hall horz openings**

Name	Area
HOpening 1	3.86 m2

**hall ceilings**

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 10	10.83 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

**bathroom walls**

Title	Type	Orientation	Foil & insulation	Width	Height	Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
Wall 102	Int: Internal Plasterboard Wall	WNW: West North West	R0.0 None	1.70 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 105	Int: Internal Plasterboard Wall	SSW: South South West	R0.0 None	0.65 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 101	Int: Internal Plasterboard Wall	SSW: South South West	R0.0 None	0.11 m	2.40 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 104	Int: Internal Plasterboard Wall	WNW: West North West	R0.0 None	0.16 m	2.74 m	110.00 mm	0.00 m	select...		medium	select...	select...
Wall 100	Int: Internal Plasterboard Wall	WNW: West North West	R0.0 None	0.25 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 99	Int: Internal Plasterboard Wall	SSW: South South West	R0.0 None	1.97 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 87	Int: Internal Plasterboard Wall	ESE: East South East	R0.0 None	0.21 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 98	WB: Weatherboard	NNE: North North East	R2.5 DS 1	2.75 m	2.74 m	115.00 mm	0.00 m	defined		light	select...	select...

### bathroom openings

Name	Style	Height	Width	Type	Window Type	Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
Opening 24	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	0.28 m	2.10 m	100.0	false select...		HB: Holland blind	None
Opening 4	Window	0.45 m	0.51 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	0.27 m	2.10 m	90.0	true select...		HB: Holland blind	None

### bathroom floors

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 11	5.46 m <sup>2</sup>	Timber	Tiles	Enclosed	R0.0 None 0	

### bathroom ceilings

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 11	5.46 m <sup>2</sup>	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	

### level 1 ensuite walls

Title	Type	Orientation	Foil & insulation	Width	Height	Thickness	Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
Wall 114	Int: Internal Plasterboard Stud Wall	WNW: West West	R0.0 None 0	1.56 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...
Wall 112	WB: Weatherboard	WNW: West North West	R2.5 DS 1	1.25 m	2.74 m	115.00 mm	0.00 m	defined		light	select...	select...
Wall 111	WB: Weatherboard	SSW: South South West	R2.5 DS 1	1.40 m	2.74 m	115.00 mm	0.00 m	select...		light	select...	select...
Wall 103	Int: Internal Plasterboard Stud Wall	ESE: East South East	R0.0 None 0	2.81 m	2.74 m	110.00 mm	0.00 m	select...		light	select...	select...

### level 1 ensuite walls(cont.)

Title	Type	Orientation	Foil &			Base Height	Eave	Connects zone	Wall colour	Wing wall	Obstruction
			Insulation	Width	Height						
Wall 115	Int: Internal Plasterboard Stud Wall	NNE: North East	R0.0	0.60 m	2.74 m	110.00 mm	0.00 m	select...	light	select...	select...
Wall 113	Int: Internal Plasterboard Stud Wall	NNE: North East	R0.0	None	0.17 m	2.74 m	110.00 mm	0.00 m	select...	light	select...
Wall 110	Int: Internal Plasterboard Stud Wall	NNE: North East	R0.0	None	0.66 m	2.74 m	110.00 mm	0.00 m	select...	light	select...

### level 1 ensuite openings

Name	Style	Height	Width	Type	Window		Horz Offset	Head Height	Openability	Weather-stripped	Eave	Indoor Covering	Outdoor Covering
					Type	Type							
Opening 27	Door	2.10 m	0.72 m	Generic 01: Aluminium standard single-glazed: clear glass: U = 7.32: SHGC = 0.77	Casement	Awning	0.01 m	2.10 m	100.0	false	select...	HB: Holland blind	None
Opening 9	Window	0.45 m	0.85 m	Generic 02: Aluminium improved single-glazed: clear glass: U = 6.35: SHGC = 0.77	Awning	Awning	0.32 m	2.10 m	90.0	true	select...	HB: Holland blind	None

### level 1 ensuite floors

Name	Floor area	Floor type	Floor covering	Sub-floor ventilation	Floor foil & insulation	Connects floor
Area 12	3.99 m2	Timber	Tiles	Enclosed	R0.0 None 0	

### level 1 ensuite ceilings

Name	Roof area	Roof type	Roof foil & insulation	Roof colour	Connects ceiling
Area 12	3.99 m2	Disc:Attic-Discontinuous (Tiled)	R5.0 DS	dark	