

NaTHERS REQUIREMENTS PLAN STAMP - 642.0 ESD-NAT-BAX-191124-TERRYHILLS

NaTHERS requirements set out below are part of the requirements to achieve final occupation certification.

Any items that are changed or altered require a new NaTHERS certificate to be issue.

Compliance with this is required to be demonstrated upon completion to the certifying authority. The Certifier must confirm that these commitments have been installed and not altered.

PROJECT DETAILS

ADDRESS	SUBURB / TOWN / POST CODE	LOT # DP#
327 MCCARRS CREEK RD	TERRER HILLS 2084	4171/-DP752017

ENERGY RATING

STAR RATING	DWELLING #	HEATING LOAD	COOLING LOADS
7.1		18.0	10.7

FLOORS

FLOOR TYPE	ADDITIONAL INSULATION	OTHER INFORMATION
CSOG-150	R1.30 XPS (Extruded Polystyrene)	Grd Floor
CSOG-150	No Insulation	Garage
SUSP-CONC-150-LINED	R1.10 Fibreglass	external suspended floors level 1
SUSP-CONC-150-LINED	R1.10 Fibreglass	Internal Floors shared with Kit / Dining
SUSP-CONC-150-LINED	90mm Non-Ref Air (e0.82)	Internal floors between levels

FLOOR COVERINGS

AREA	COVERING	OTHER INFORMATION
Bedrooms, Multipurpose	CARPET	
Wet areas	TILE	
Garage	CONCRETE EXPOSED	
All other areas	TIMBER	

WALL INSULATION

INTERNAL / EXTERNAL	WALL TYPE	ADDITIONAL INSULATION	OTHER INFORMATION
EXTERNAL	REN-CAV-BRICK-110-110-REN	40mm Non-Ref Air (e0.82) + R2.30 XPS (Extruded Polystyrene)	
EXTERNAL	Metal Clad Direct-Fix (No Cavity) Stud Wall	R2.70 Fibreglass	
EXTERNAL	Ren Brick Veneer Stud Wall with NonReflective Sarking	R2.70 Fibreglass	
EXTERNAL	MUD-BRICK-500 INSUL	R1.10 XPS (Extruded Polystyrene)	adjacent to Living / bedroom areas
EXTERNAL	300 MUD-BRICK-EXP INSUL	R1.10 XPS (Extruded Polystyrene)	adjacent to living / bedroom areas
EXTERNAL	INSUL - CONC-200-EXP1	R2.00 Fibreglass	
EXTERNAL	MUD-BRICK-500	Nil	Garage

INTERNAL / EXTERNAL	WALL TYPE	ADDITIONAL INSULATION	OTHER INFORMATION
INTERNAL	Internal Plasterboard Stud Wall		
INTERNAL	MUD-BRICK-500	No Insulation	Internal walls - Stairs
INTERNAL	SGL-BRICK-110-INSUL-PB	R1.10 XPS (Extruded Polystyrene)	Walls shared with garage and Idry
INTERNAL	Internal Plasterboard Stud Wall	R2.00 Fibreglass	walls shared with Idry upper floor

Specified colour Medium S.A (= > 0.475 / = < 0.70)

ROOF AND CEILINGS

ROOF CONSTRUCTION TYPE	INSULATION	OTHER INFORMATION
Flat Framed / Skillion Metal Roof & Flat PB Ceiling	R1.30 Fibreglass + 40mm Refl Air e0.05)	Upper level roof
Concrete Slab (200mm) with Suspended PB Ceiling	R2.30 xps polystyrene	Grd Floor areas adjacent external
Concrete Slab (150mm) with Exposed Concrete Ceiling	No Insulation	Garage

Specified colour Medium S.A (= > 0.475 / = < 0.70)

CEILING TYPE	INSULATION	OTHER INFORMATION
Flat Framed / Skillion Metal Roof & Flat PB Ceiling	R4.00 Fibreglass	

WINDOWS AND GLAZING

WINDOW DESCRIPTION	FRAME TYPE	U VALUE	SHGC
Hinged Door	ALM-DG-LOWE-CLEAR	2.39	0.46 (0.44/0.48)
Awning (W03-7-8-9-20-21-24-37-39-40-41-25-clerestory windows	ALM-DG-LOWE-CLEAR	2.39	0.46 (0.44/0.48)
Sliding (W22-23)	ALM-DG-LOWE-CLEAR	2.75	0.49 (0.47/0.52)
Sliding Door W1-2-4-5-6-10-11-26-28-29-32-33-34)	ALM-DG-LOWE-CLEAR	2.36	0.49 (0.46/0.51)
Fixed (W12-13-15-16-17-18-19-25-27-31-32 over-33 over-34 over-36-39-41-42-43)	ALM-DG-LOWE-CLEAR	1.95	0.50 (0.47/0.52)
French	ALM-DG-LOWE-CLEAR	2.39	0.46 (0.44/0.48)

Specified colour Medium S.A (= > 0.475 / = < 0.70)

SKYLIGHTS

FRAME TYPE	GLAZING	U VALUE	SHGC	SHAFT INSULATION / COVERINGS
	FS - Fixed Skylight DG 3mm LoE 366 / 8.5mm Argon Gap / 5.36mm Clear La	2.58	0.24	

CEILING FANS - EXHAUST FANS

AREA	TYPE	SIZE
Kitchen - Dining	CEILING FAN	2 x 1500 dia
Bedrooms	CEILING FAN	Min 1300 dia
Games and Multipurpose	CEILING FAN	Min 1400 dia
Study	CEILING FAN	Min 1200 dia
Kitchen, Wc, Ldry	EXHAUST FAN	Max 150 x 150 Fan capable of being sealed
Bathrooms, Ens	EXHAUST FAN	Max 250 x 250 Fan capable of being sealed

AREA	TYPE	SIZE
Fire place	N/A	Flue - Max 250 x 250 Fan capable of being sealed

LIGHTING

If not specified below - All lighting has been assessed as 100mm Sealed Recessed Downlighting.

Maximum allowance of 1 light per 5 sqm

No recessed ighting allowed for in garage

DESCRIPTION	OTHER INFORMATION
Downlights IC-F rated - Insulation to be continous (refer to manufacturers requirements)	