

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A266213

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Alterations and Additions Definitions" dated 18/09/2014 published by Planning & Infrastructure. This document is available at www.basix.nsw.gov.au

Director-General

Date of issue: Tuesday, 15, November 2016

To be valid, this certificate must be lodged within 3 months of the date of issue.



Description of project

Project address	
Project name	Platform
Street address	22-24 Lemongrove Road Penrith 2750
Local Government Area	Penrith City Council
Plan type and number	Deposited Plan 162091
Lot number	C1
Section number	0
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more, and does not include a pool (and/or spa).

Certificate Prepared by (please complete before submitting to Council or PCA)

Name / Company Name: David Walker P/L

ABN (if applicable): 078551578

Construction			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements					
The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists.			✓	✓	✓
Construction	Additional insulation required (R-value)	Other specifications	✓	✓	✓
external wall: external insulated façade system (EIFS)(façade panel: 70 mm)	nil				
flat ceiling, pitched roof	ceiling: R1.95 (up), roof: foil backed blanket (55 mm)	medium (solar absorptance 0.475 - 0.70)			
raked ceiling, pitched/skillion roof: framed	ceiling: R2.24 (up), roof: foil backed blanket (55 mm)	medium (solar absorptance 0.475 - 0.70)			

Glazing requirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and glazed doors								
The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.						✓	✓	✓
The following requirements must also be satisfied in relation to each window and glazed door:							✓	✓
Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions.							✓	✓
External louvres and blinds must fully shade the window or glazed door beside which they are situated when fully drawn or closed.							✓	✓
Windows and glazed doors glazing requirements								
Window / door no.	Orientation	Area of glass inc. frame (m ²)	Overshadowing		Shading device	Frame and glass type		
			Height (m)	Distance (m)				
W1	N	1.35	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W2	N	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W3	N	1.35	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W4	E	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W5	E	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W6	E	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W7	E	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)		
W8	S	2.7	0	0	none	standard aluminium, single toned, (or		

Glazing requirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Overshadowing Height (m) Distance (m)		Shading device	Frame and glass type		
						U-value: 7.57, SHGC: 0.57)		

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a "✓" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a "✓" in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a "✓" in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.