

NCC VOLUME ONE GLAZING CALCULATOR (first issued with NCC 2014)

Building name/description

WOLLEMI COLLEGE - New music rooms & enclosure of COLA

Application

other

Climate zone

6

Storey

0

Facade areas

N	NE	E	SE	S	SW	W	NW	internal
					117m²			
								n/a

Option A

Option B

Glazing area (A) **19.8m²**

Number of rows preferred in table below

10 (as currently displayed)

GLAZING ELEMENTS, ORIENTATION SECTOR, SIZE and PERFORMANCE CHARACTERISTICS									SHADING		CALCULATED OUTCOMES OK (if inputs are valid)					
Glazing element		Facing sector		Size			Performance		P&H or device		Shading		Multipliers		Size	Outcomes
ID	Description (optional)	Option A facades	Option B facades	Height (m)	Width (m)	Area (m ²)	Total System U-Value (AFRC)	Total System SHGC (AFRC)	P (m)	H (m)	P/H	G (m)	Heating (S _H)	Cooling (S _C)	Area used (m ²)	Element share of % of allowance used
1	Music room 1	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
2	Music room 1	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
3	Music room 1	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
4	Music room 1	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
5	Music Practice 1	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
6	Music Practice 2	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
7	Music room 2	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
8	Music room 2	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
9	Music room 2	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%
10	Music room 2	SW		1.10		1.98	4.4	0.60	1.100	1.500	0.73	0.40	0.79	0.71	1.98	10% of 63%

IMPORTANT NOTICE AND DISCLAIMER IN RESPECT OF THE GLAZING CALCULATOR

The Glazing Calculator has been developed by the ABCB to assist in developing a better understanding of glazing energy efficiency parameters.

While the ABCB believes that the Glazing Calculator, if used correctly, will produce accurate results, it is provided "as is" and without any representation or warranty of any kind, including that it is fit for any purpose or of merchantable quality, or functions as intended or at all.

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if inputs are valid



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