

BCA VOLUME ONE GLAZING CALCULATOR (first issued with BCA 2012)

Building name/description

Goulburn Performing Arts Centre

Application

other

Climate zone

7

Storey

1

Facade areas

N	NE	E	SE	S	SW	W	NW	internal
	797.3m²		308.4m²		307.8m²		419.7m²	
								n/a

Option A

Option B

Glazing area (A)..... 96.4m² ..... 29.44m² ..... 5.76m² ..... 111.2m²

Number of rows preferred in table below 11 (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 (m²)	Total U-Value (AFRC)	SHGC (AFRC)	P (m)	H (m)	P/H	G (m)	Heating (S <sub>H</sub> )	Cooling (S <sub>C</sub> )	Area used (m²)	Element share of % of allowance used
1											ROW SKIPPED (OK if intentional)					
2	Windows	NE				29.21	2.8	0.37				0.00	1.00	1.00	29.21	20% of 87%
3	Profilit	NE				67.19	2.8	0.68				0.00	1.00	1.00	67.19	80% of 87%
4											ROW SKIPPED (OK if intentional)					
5	Windows	SE				29.44	2.8	0.37				0.00	1.00	1.00	29.44	100% of 35%
6											ROW SKIPPED (OK if intentional)					
7	Windows	SW				5.76	2.8	0.37				0.00	1.00	1.00	5.76	100% of 7%
8											ROW SKIPPED (OK if intentional)					
9	Revoling door and windows	NW		3.20		13.30	2.8	0.37	2.600	3.200	0.81	0.00	0.40	0.44	13.30	8% of 100%
10	Profilit	NW				97.90	2.8	0.49				0.00	1.00	1.00	97.90	92% of 100%
11																

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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