



# Façade

Report



Calculator

## Project Summary

**Date**  
7/04/2025

**Name**  
Trish Campbell

**Company**  
ACT Sustainable Systems

**Position**  
Proprietor

**Building Name / Address**  
11 Montague Street  
Goulburn

**Building State**  
NSW

**Climate Zone**  
Climate Zone 7 - Cool  
temperate

**Building Classification**  
Class 9b - theatres and  
cinemas with multiple auditoria,

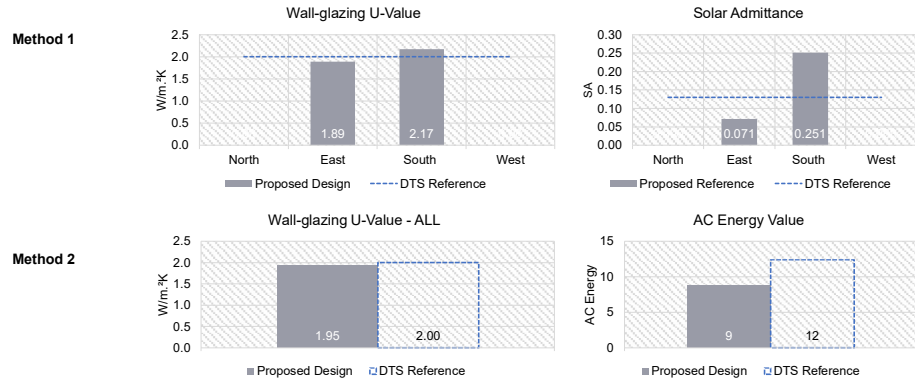
**Storeys Above Ground**  
1

**Tool Version**  
1.2 (June 2020)

The summary below provides an overview of where compliance has been achieved for Specification J1.5a - Calculation of U-Value and solar admittance - Method 1 (Single Aspect) and Method 2 (Multiple Aspects).

Compliant Solution =    
Non-Compliant Solution =  

	North	East	Method 1 South	West	Method 2 All
Wall-glazing U-Value (W/m <sup>2</sup> .K)		1.89	2.17		1.95
Solar Admittance		0.07	0.25		
AC Energy					9



## Project Details

	North	East	South	West
Glazing Area (m <sup>2</sup> )		13.23	4.0698	
Glazing to Façade Ratio		29%	36%	
Glazing References		D13 D14 D15	D07	
Glazing System Types		Sliding Door	Awning	
Glass Types		Double Glazed Unit - no low-E coating	Double Glazed Unit - no low-E coating	
Frame Types		Aluminium	Aluminium	Aluminium
Average Glazing U-Value (W/m <sup>2</sup> .K)		4.80	4.80	
Average Glazing SHGC	0.00	0.70	0.70	0.00
Shading Systems	Device	Device	Device	Device
Wall Area (m <sup>2</sup> )		32.43	7.275	
Wall Types		Wall	Wall	
Methodology	Wall			
Wall Construction		FC with R1	FC with R1	FC with R1
Wall Thickness		108	108	
Average Wall R-value (m <sup>2</sup> .K/W)		1.42	1.42	
Solar Absorptance	0.45	0.45	0.45	0.45