



# Façade

Report



Calculator

## Project Summary

**Date**  
15/01/2025

**Name**  
Trish Campbell

**Company**  
ACT Sustainable Systems

**Position**  
Proprietor

**Building Name / Address**  
49 Knox Street, Goulburn  
Lot 1, DP 1294866

**Building State**  
ACT

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

**Building Classification**  
Mixed 2 - 2 common, 5, 6, 7, 8,  
9b, 9a non-ward

**Storeys Above Ground**  
2

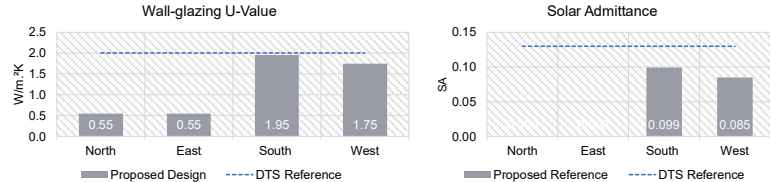
**Tool Version**  
1.5 (May 2024)

The summary below provides an overview of where compliance has been achieved for Specification S37 - Calculation of U-Value and solar admittance - Method 1 (Single Aspect) and Method 2 (Multiple Aspects).

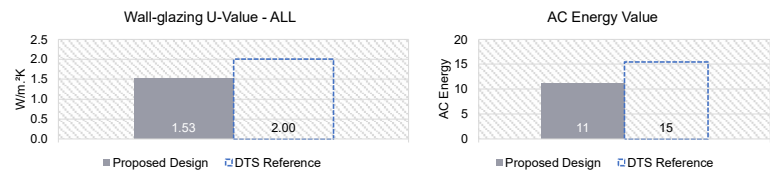
Compliant Solution =   
Non-Compliant Solution =

	North	East	Method 1 South	West	Method 2 All
Wall-glazing U-Value (W/m <sup>2</sup> .K)	0.55	0.55	1.95	1.75	1.53
Solar Admittance			0.10	0.08	
AC Energy					11

### Method 1



### Method 2



## Project Details

	North	East	South	West
Glazing Area (m <sup>2</sup> )	0	0	25.08	6.27
Glazing to Façade Ratio	0%	0%	33%	28%
Glazing References			Office 1 S Office 2 S Office 3 S Office 4 S	Office 1 W
Glazing System Types			Double Hung	Double Hung
Glass Types			Double Glazed Unit - no low-E coating	Double Glazed Unit - no low-E coating
Frame Types			Aluminium	Aluminium
Average Glazing U-Value (W/m <sup>2</sup> .K)			4.80	4.80
Average Glazing SHGC	0.00	0.00	0.30	0.30
Shading Systems				
Wall Area (m <sup>2</sup> )	17.28	20.4309	50.9463	15.93
Wall Types	Wall	Wall	Wall	Wall
Methodology	Wall			
Wall Construction	Metal Clad / Frame with Thermal Break	Metal Clad / Frame with Thermal Break	Metal Clad / Frame with Thermal Break	Metal Clad / Frame with Thermal Break
Wall Thickness	90	90	90	90
Average Wall R-value (m <sup>2</sup> .K/W)	1.83	1.83	1.83	1.83
Solar Absorptance	0.7	0.7	0.7	0.7