



Insulglass Clear IGU consists of either Clear Toughened glass on either side or Clear Annealed glass with a spacer in between consisting of air or argon to enhance energy efficiency outcomes for your windows and doors.

Product	Nominal Thickness (mm)	Visible Light		Solar		UV Trans	U Value		Shading Co.	SHGC	Interpretation Based on SHGC, Visible Light Transmission & U-Values	Where can this glass be used?
		Trans	Reflect Out	Trans	Reflect		Air	Argon				
Clear & Clear	4 + 12 + 4	80%	15%	69%	13%	51%	2.7	2.6	0.86	0.75	Lets in a lot of natural light in along with natural heat; however with equally high U-values; this natural energy will not be retained inside the room.	Mild weather or where there is mediocre sun facing windows.
	5 + 12 + 5	79%	15%	63%	12%	47%	2.7	2.5	0.83	0.72		
	6 + 12 + 6	78%	15%	62%	12%	44%	2.7	2.5	0.82	0.71		
	8 + 12 + 6	77%	14%	57%	11%	42%	2.7	2.5	0.76	0.66		
	10 + 12 + 6	76%	14%	54%	10%	39%	2.7	2.5	0.73	0.64		
	12 + 12 + 6	75%	14%	51%	10%	37%	2.6	2.5	0.71	0.61		

All performance data is determined– using LBL Windows 6.3 software, NFRC 100-2001 conditions have been used. Where # appears, ie (#3 or #2) in product name, this identifies the position of the coated surface of the glass. Glass surfaces are counted from the exterior to the interior of the building.

The first number is the outer glass thickness, +12 Air is the width of the airspace, then the thickness of the inner panel of the unit. Thickness tolerances are: 3-6mm (±0.2mm); 8-12mm (±0.3mm); 15mm (±0.5mm); 19mm (±1.0mm).

Recommendations are based on performance data. Please consult with your builder, architect or consultant before deciding on any Australian Glass Group product for your requirements.

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