

Single Glazed Glass is one layer of glass or can be known as single pane of glass. Single glazed glass is also available in improved forms, e.g. toughened glass etc.

Type	Product Name	Nominal Thickness (mm)	Visible Light		Solar		UV Trans	U Value	Shading Co.	SHGC
			Trans	Reflect Out	Trans	Reflect				
Annealed Glass		4	89%	8%	82%	8%	67%	5.9	0.98	0.83
		5	88%	8%	79%	7%	63%	5.9	0.95	0.83
		6	88%	8%	78%	7%	60%	5.8	0.95	0.82
		8	86%	8%	71%	7%	56%	5.7	0.59	0.77
		10	85%	8%	67%	7%	52%	5.7	0.86	0.75
		12	84%	8%	64%	7%	48%	5.7	0.84	0.72
	Grey	4	83%	8%	59%	6%	45%	5.5	0.81	0.70
		5	56%	6%	55%	6%	30%	5.9	0.77	0.66
		6	47%	6%	47%	5%	23%	5.8	0.71	0.61
		8	42%	5%	42%	5%	19%	5.8	0.67	0.58
		10	28%	5%	26%	5%	11%	5.7	0.55	0.47
		12	21%	4%	25%	5%	9%	5.6	0.55	0.42
	Green	4	82%	8%	58%	6%	36%	5.9	0.79	0.68
		5	79%	7%	51%	6%	32%	5.9	0.74	0.63
		6	77%	7%	47%	5%	27%	5.9	0.71	0.61
	Bronze	4	61%	7%	60%	6%	28%	5.9	0.81	0.70
		5	54%	6%	52%	6%	22%	5.9	0.74	0.64
		6	49%	5%	48%	5%	19%	5.8	0.72	0.62
Low Iron	Starphire	6	91%	8%	89%	8%	87%	5.8	1.03	0.90
	UltraClear	6	91%	8%	89%	8%	70%	5.7	1.03	0.90
High Performance Tint	SuperGreen	4	73%	7%	42%	5%	22%	5.9	0.67	0.58
		5	70%	7%	38%	5%	18%	5.9	0.64	0.55
	SuperGrey	6	67%	6%	34%	5%	13%	5.8	0.61	0.52
	SuperBlue	6	9%	4%	8%	4%	2%	5.8	0.41	0.35
Low-E	Energy Advantage#2	4	83%	11%	71%	12%	57%	3.7	0.85	0.74
		6	83%	11%	67%	11%	52%	3.6	0.82	0.71
	EnergyTech#2	4	82%	10%	68%	10%	55%	3.7	0.82	0.71
		5	82%	12%	67%	11%	52%	3.7	0.81	0.70
		6	82%	10%	66%	10%	49%	3.7	0.81	0.70
		10	80%	10%	59%	9%	42%	3.6	0.75	0.65
	EnergyTech Green#2	4	75%	10%	49%	8%	30%	3.7	0.65	0.57
		6	71%	9%	39%	7%	23%	3.7	0.57	0.50
	EnergyTech SuperGreen#2	4	67%	9%	37%	7%	18%	3.7	0.54	0.47
		6	61%	8%	28%	6%	12%	3.7	0.47	0.41
	EnergyTech Grey#2	4	50%	7%	45%	7%	22%	3.7	0.62	0.54
		6	40%	6%	37%	7%	16%	3.7	0.55	0.47
	SolTech Neutral#2	4	60%	8%	45%	8%	46%	3.7	0.62	0.53
		6	60%	8%	44%	7%	44%	3.7	0.61	0.52
	SolTech Grey#2	6	30%	5%	23%	6%	13%	3.7	0.42	0.37
		4	69%	9%	54%	10%	49%	4.2	0.70	0.61
	Sunergy Clear#2	6	68%	9%	52%	9%	46%	4.1	0.69	0.59
		10	66%	8%	48%	9%	40%	4.1	0.66	0.57
		4	82%	10%	69%	11%	52%	3.7	0.83	0.72
	Planibel G#2	5	81%	11%	68%	11%	50%	3.7	0.82	0.71
		6	81%	11%	66%	11%	48%	3.7	0.81	0.71
		6	67%	25%	58%	19%	30%	3.8	0.72	0.62
	Evantage Clear#2	6	32%	10%	29%	9%	10%	3.8	0.48	0.41
	Evantage Grey#2	6	38%	11%	35%	10%	11%	3.8	0.53	0.45
	Evantage Bronze#2	6	56%	19%	35%	11%	16%	3.8	0.53	0.45
	Evantage BlueGreen#2	6	48%	16%	23%	8%	7%	3.8	0.43	0.36
	Evantage SuperGreen#2	6	39%	12%	23%	8%	10%	3.8	0.42	0.36
	Evantage SuperBlue#2	6	39%	12%	23%	8%	10%	3.8	0.42	0.36
Laminate	Clear	6.38	89%	8%	74%	7%	< 1	5.7	0.92	0.79
		6.76	88%	8%	72%	7%	< 1	5.7	0.91	0.78
		8.38	88%	9%	74%	8%	< 1	5.7	0.91	0.79
		10.38	86%	8%	66%	7%	< 1	5.6	0.85	0.74
		12.38	85%	8%	65%	7%	< 1	5.6	0.85	0.73
	Grey	6.38	42%	5%	47%	6%	< 1	5.8	0.71	0.61
		8.38	42%	5%	46%	6%	< 1	5.7	0.71	0.61
		10.38	41%	5%	42%	5%	< 1	5.5	0.67	0.58
	Bronze	12.38	40%	5%	41%	5%	< 1	5.6	0.67	0.58
		6.38	52%	6%	51%	6%	< 1	5.8	0.74	0.64
		8.38	52%	6%	50%	6%	< 1	5.7	0.74	0.64
	Green	10.38	51%	6%	46%	5%	< 1	5.6	0.70	0.61
		6.38	72%	7%	64%	6%	< 1	5.7	0.84	0.72
		8.38	71%	7%	62%	6%	< 1	5.7	0.83	0.72
	White Translucent	10.38	70%	7%	57%	6%	< 1	5.6	0.79	0.68
		6.38	66%	7%	56%	6%	< 1	5.8	0.78	0.67
		8.38	66%	7%	55%	6%	< 1	5.7	0.77	0.67
	ComfortPlus Clear 82	10.38	65%	7%	51%	6%	< 1	5.6	0.74	0.64
		6.38	82%	10%	64%	9%	< 1	3.6	0.79	0.68
		10.38	79%	10%	56%	8%	< 1	3.6	0.73	0.63
	ComfortPlus Neutral 59	6.38	59%	7%	42%	6%	< 1	3.6	0.60	0.51
		10.38	58%	7%	38%	7%	< 1	3.6	0.56	0.48
	Audioshield	6.5	87%	8%	72%	7%	< 1	5.7	0.90	0.78
		8.5	87%	8%	72%	7%	< 1	5.7	0.90	0.78
10.5		87%	8%	70%	7%	< 1	5.6	0.89	0.77	
		12.5	87%	8%	69%	7%	< 1	5.5	0.88	0.76

All performance data is determined- using LBL Windows 6.3 software, NFRC 100-2001

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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