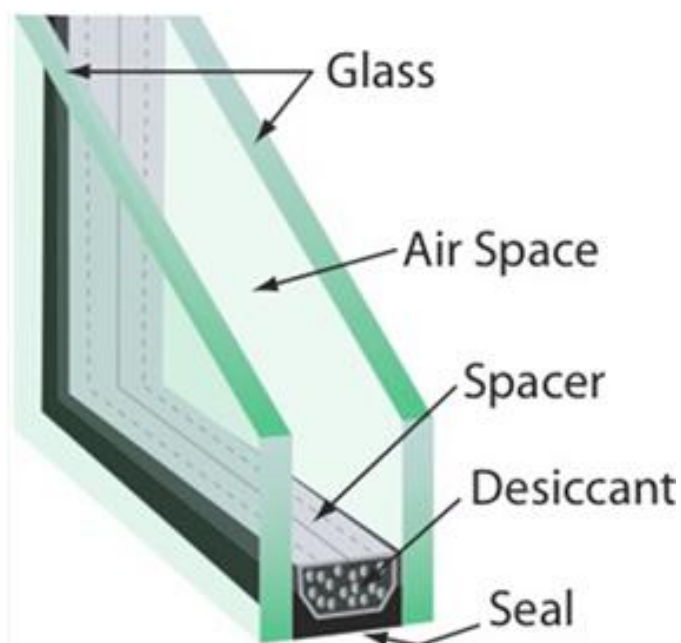


# Performance Data

## Standard IGU range

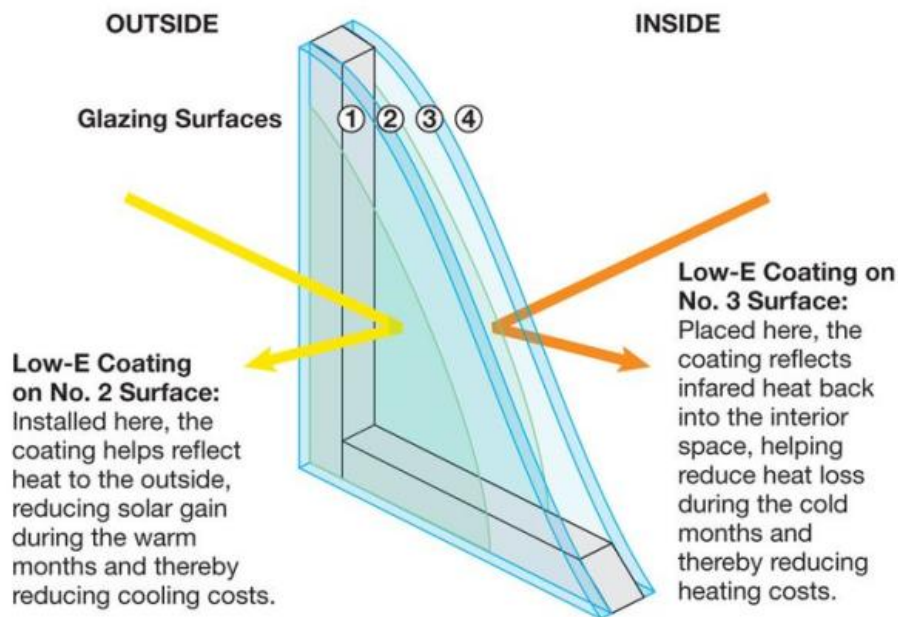
The K&K standard range of IGU's consists of either clear annealed float or clear toughened glass with an aluminium spacer in between consisting of air or argon to enhance the energy efficiency.



Product Name	Nominal Thickness	Visible Light			Solar		UV Trans	UV Value		SHGC	Shading Co.
		Trans	Reflect Out	Reflect In	Trans.	Reflect		Air	Argon		
Clear + Clear	4 + 12 + 4	80	15	15	69	13	51	2.7	2.6	0.75	0.87
	5 + 12 + 4	79	15	15	63	12	47	2.7	2.5	0.72	0.83
	6 + 12 + 6	78	15	15	62	12	44	2.7	2.5	0.71	0.82
	8 + 12 + 6	77	14	14	57	11	42	2.7	2.5	0.66	0.76
	10 + 12 + 6	76	14	14	54	10	39	2.7	2.5	0.64	0.73
	12 + 12 + 6	75	14	14	51	10	37	2.6	2.5	0.61	0.71

## Performance IGU range

The K&K Glass range of Performance IGU's provides you with a choice of high performance glass to suit your custom requirements providing significant design and energy performance benefits.



## Product Considerations when making your choice?

**Energy Advantage™** offers substantial improvement on thermal insulation when compared to clear float glass. It is also characterized by high solar heat gain, which means that as well as retaining heating warmth in a room, it allows high level of solar energy to enter, for warmer and brighter interiors, and reduced heating and lighting costs.

**EnergyTech™ & SolTech Grey™** If you want to bathe your space in natural light but still control the temperature within – then look no further than the EnergyTech™ and SolTech™ range. Both these products were specifically designed for Australian conditions and use enhanced solar control to keep buildings cooler in summer and warmer in winter.

**ComfortPlus™** is Australasia's leading Low E performance laminate, suitable for both commercial and residential applications and available in a contemporary and comprehensive range of tones and provides improved insulation and a choice of solar control compared to ordinary glass and reduces UV radiation by 99%, increasing the life of the furniture in your home or building.

**ComfortHush™** is an Insulating acoustic laminated glass – designed to provide for quiet comfort from unwanted noise ComfortHush™ glass absorbs external noise and maintains a comfortable temperature in your home and also has provides enhanced UV protection, helping reduce the rate at which your furniture fades.

Product Name	Nominal Thickness	Visible Light			Solar		UV	UV Value		SHGC	Shading Co.
		Trans	Reflect Out	Reflect In	Trans	Reflect	Trans	Air	Argon		
Grey	4 + 12 + 4	50	8	13	46	8	24	2.7	2.6	0.55	0.64
	5 + 12 + 5	42	7	12	38	7	19	2.7	2.5	0.49	0.57
	6 + 12 + 6	37	7	12	33	7	15	2.7	2.5	0.45	0.52
	10 + 12 + 6	24	5	12	24	5	9	2.7	2.5	0.38	0.44
	12 + 12 + 6	19	5	12	20	5	7	2.6	2.5	0.34	0.40
Green	4 + 12 + 4	73	13	14	49	9	30	2.7	2.5	0.57	0.66
	5 + 12 + 5	70	13	14	42	9	25	2.7	2.5	0.52	0.6
	6 + 12 + 6	68	12	13	39	8	21	2.7	2.5	0.5	0.57
	10 + 12 + 6	56	9	13	24	6	9	2.6	2.5	0.37	0.43
Bronze	4 + 12 + 4	55	10	13	50	9	23	2.7	2.5	0.59	0.68
	5 + 12 + 5	48	8	13	41	7	18	2.7	2.5	0.52	0.61
	6 + 12 + 6	43	8	12	38	7	15	2.7	2.5	0.5	0.57
	10 + 12 + 6	30	6	12	28	6	7	2.6	2.5	0.41	0.48
<b>Laminates</b>											
Clear	4 + 12 + 4	78	15	15	58	12	< 1	2.7	2.5	0.67	0.77
Grey	5 + 12 + 5	37	7	12	37	7	< 1	2.7	2.5	0.49	0.56
Bronze	6 + 12 + 6	46	8	13	40	8	< 1	2.7	2.5	0.52	0.60
Green	8 + 12 + 6	63	11	14	50	9	< 1	2.7	2.5	0.6	0.70
Translucent	10 + 12 + 6	58	10	13	44	8	< 1	2.7	2.5	0.55	0.64
<b>Low E</b>											
<b>Energy Advantage™</b>											
Clear (#2)	4 + 12 + 4	76	17	-	61	16	45	1.90	1.63	0.66	0.76
Clear (#2)	6 + 12 + 6	75	16	-	55	14	39	1.88	1.62	0.63	0.72
<b>Evantage™</b>											
Clear (#2)	6 + 12 + 6	61	27	29	47	20	23	2.0	1.7	0.56	0.64
Grey (#2)	6 + 12 + 6	29	10	30	24	9	8	2.0	1.7	0.33	0.39
Bronze (#2)	6 + 12 + 6	34	13	29	28	11	9	2.0	1.7	0.38	0.44
BlueGreen (#2)	6 + 12 + 6	51	21	30	29	12	13	2.0	1.7	0.38	0.44
SuperBlue (#2)	6 + 12 + 6	35	13	30	19	9	8	1.9	1.7	0.29	0.33
<b>Energy Tech™</b>											
Clear (#2)	4 + 12 + 4	75	17	18	57	15	41	1.9	1.6	0.64	0.74
	6 + 12 + 6	73	16	17	52	14	36	1.9	1.6	0.61	0.71
	10 + 12 + 6	71	16	17	48	12	32	1.9	1.6	0.58	0.66
Grey (#2)	4 + 12 + 4	45	9	15	38	9	18	1.9	1.6	0.46	0.53
	6 + 12 + 6	35	8	16	29	8	13	1.9	1.7	0.39	0.45
Green (#2)	4 + 12 + 4	68	15	17	41	10	25	1.9	1.7	0.49	0.56
	6 + 12 + 6	63	13	16	33	9	19	1.9	1.6	0.41	0.48

Product Name	Nominal Thickness	Visible Light			Solar		UV Trans	UV Value		SHGC	Shading Co.
		Trans	Reflect Out	Reflect In	Trans	Reflect		Air	Argon		
<b>Soltech™</b>											
Neutral (#2)	4 + 12 + 4	55	12	16	38	10	34	1.9	1.6	0.46	0.53
	6 + 12 + 6	56	12	16	36	10	30	1.9	1.6	0.45	0.52
Grey (#2)	6 + 12 + 6	27	6	12	19	6	10	1.9	1.6	0.28	0.33
<b>Comfort Plus™</b>											
Clear (#4)	6.38 + 12 + 6	73	16	17	51	12	<1	1.9	1.6	0.6	0.69
	8.38 + 12 + 6	72	16	17	49	12	<1	1.9	1.6	0.6	0.69
	10.38 + 12 + 6	71	16	17	47	12	<1	1.8	1.6	0.56	0.64
	12.38 + 12 + 6	70	16	17	45	11	<1	1.8	1.6	0.54	0.62
Neutral (#4)	8.38 + 12 + 6	53	11	16	33	9	<1	1.9	1.6	0.42	0.49
Grey (#4)	8.38 + 12 + 6	33	7	15	22	6	<1	1.9	1.6	0.31	0.36
<b>ComfortHush™</b>											
Clear (#4)	6.5 + 12 + 6	73	16	17	51	12	<1	1.9	1.6	0.6	0.69

All performance data is determined– using LBL Windows 6.3 software, NFRC 100-2001 conditions have been used.

Where # appears, i.e. (#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.

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

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K&K Glass would like to Acknowledge Viridian for its help and assistance in for the above K&K Glass Performance charts.