

Performance - Single

GLASS TYPE	VLT	SHGC	U VALUE
CLEAR			
4mm Clear	90%	0.87	5.9
5mm Clear	89%	0.84	5.9
6mm Clear	88%	0.82	5.8
8mm Clear	87%	0.79	5.7
10mm Clear	86%	0.78	5.7
12mm Clear	85%	0.74	5.6
6.38mm Clear Laminate	87%	0.79	5.7
8.38mm Clear Laminate	87%	0.78	5.7
10.38mm Clear Laminate	86%	0.74	5.6
12.38mm Clear Laminate	85%	0.74	5.6
GREY			
4mm Grey	56%	0.67	5.9
5mm Grey	49%	0.64	5.8
5mm Dark Grey	21%	0.43	5.3
6mm Grey	42%	0.58	5.8
6mm Dark Grey	16%	0.42	5.2
PERFORMANCE LOW E COATED			
4mm Clear Low E	82%	0.73	3.8
5mm Clear Low E	81%	0.72	3.7
6mm Clear Low E	81%	0.71	3.7
6mm Grey Low E	40%	0.48	3.7
6mm Neutral Low E	63%	0.54	3.9

GLASS TYPE	VLT	SHGC	U VALUE
6mm Grey Neutral Low E	30%	0.37	3.7
6mm Grey EVantage	32%	0.42	3.8
6.38mm Clear Low E Laminate	82%	0.72	3.7
6.38mm Neutral Low E Laminate	60%	0.52	3.9
10.38mm Clear Low E Laminate	79%	0.63	3.6
10.38mm Neutral Low E Laminate	61%	0.52	3.9

PLEASE NOTE:

- * Information provided is centre of glass not whole of window data
- * Performance is calculated using LBL Window 7.8 software
- * VENTORA Glass disclaims any liability for loss or damage arising from the use of such data

Visible Light Transmission (VLT):

Visible transmittance measures how much light transmitted through the glass. The higher the number, the more light is transmitted.

Solar Heat Gain Co-efficient (SHGC):

The SHGC is the fraction of incident solar radiation admitted through a window, both directly transmitted, absorbed and subsequently released inward. SHGC is expressed as a number between 0 and 1. The lower a window's SHGC, the less solar heat is transmitted.

U Value (U-VALUE):

U-value measures how well a product prevents heating & cooling from escaping. It is a measure of the rate of non-solar heat loss or gain through a material or assembly. U-value ratings generally fall between 1.5-10.0 W/m².K for Australian products. The lower the U-value, the greater a glass's resistance to heat & cooling loss.

Performance Double Glazed (IGU's)

GLASS TYPE	VLT	SHGC	U VALUE
CLEAR			
4mm Clear / 8mm Air / 4mm Clear	80%	0.75	2.9
4mm Clear / 10mm Air / 4mm Clear	80%	0.75	2.8
4mm Clear / 12mm Air / 4mm Clear	80%	0.75	2.7
5mm Clear / 8mm Air / 5mm Clear	79%	0.72	2.9
5mm Clear / 10mm Air / 5mm Clear	79%	0.72	2.8
5mm Clear / 12mm Air / 5mm Clear	79%	0.72	2.7
6mm Clear / 8mm Air / 6mm Clear	78%	0.71	2.9
6mm Clear / 10mm Air / 6mm Clear	78%	0.71	2.8
6mm Clear / 12mm Air / 6mm Clear	78%	0.71	2.7
6mm Clear / 8mm Air / 6.38mm Clear	77%	0.69	2.8
6mm Clear / 10mm Air / 6.38mm Clear	77%	0.69	2.7
6mm Clear / 12mm Air / 6.38mm Clear	77%	0.69	2.7
GREY			
4mm Grey / 8mm Air / 4mm Clear	50%	0.56	2.9
4mm Grey / 10mm Air / 4mm Clear	50%	0.56	2.8
4mm Grey / 12mm Air / 4mm Clear	50%	0.55	2.7
5mm Grey / 8mm Air / 5mm Clear	42%	0.5	2.9
5mm Grey / 10mm Air / 5mm Clear	42%	0.5	2.8
5mm Grey / 12mm Air / 5mm Clear	42%	0.49	2.7
6mm Grey / 8mm Air / 6mm Clear	39%	0.48	2.5
6mm Grey / 10mm Air / 6mm Clear	39%	0.48	2.5
6mm Grey / 12mm Air / 6mm Clear	39%	0.48	2.5

GLASS TYPE	VLT	SHGC	U VALUE
PERFORMANCE LOW E COATED			
4mm Clear / 8mm Air / 4mm Clear Low E	74%	0.7	2.3
5mm Clear / 8mm Air / 5mm Clear Low E	73%	0.67	2.2
6mm Clear / 8mm Air / 6.38mm Clear Low E	73%	0.67	2.2
6mm Clear / 8mm Air / 6mm Clear Low E	72%	0.66	2.2
4mm Clear / 10mm Air / 4mm Clear Low E	74%	0.71	2.0
5mm Clear / 10mm Air / 5mm Clear Low E	73%	0.67	2.0
6mm Clear / 10mm Air / 6.38mm Clear Low E	73%	0.67	2.0
6mm Clear / 10mm Air / 6mm Clear Low E	72%	0.67	2.0
4mm Clear / 12mm Air / 4mm Clear Low E	74%	0.71	1.9
5mm Clear / 12mm Air / 5mm Clear Low E	73%	0.68	1.9
6mm Clear / 12mm Air / 6.38mm Clear Low E	73%	0.67	1.9
6mm Clear / 12mm Air / 6mm Clear Low E	72%	0.67	1.9
HIGH PERFORMANCE LOW E SOFT COAT			
4mm Clear / 10mm Air / 4mm Clear Low E Soft	79%	0.58	1.4
4mm Clear / 12mm Air / 4mm Clear Low E Soft	79%	0.58	1.4
5mm Clear / 10mm Air / 5mm Clear Low E Soft	78%	0.58	1.5
5mm Clear / 12mm Air / 5mm Clear Low E Soft	78%	0.58	1.5
6mm Clear / 10mm Air / 6mm Clear Low E Soft	78%	0.57	1.6
6mm Clear / 12mm Air / 6mm Clear Low E Soft	78%	0.57	1.6
PERFORMANCE LOW E COATED/HIGH PERFORMANCE LOW E SOFT COATED			
4mm Clear Low E Soft / 10mm Air / 4mm Clear Low E	72%	0.53	1.2
4mm Clear Low E Soft / 12mm Air / 4mm Clear Low E	72%	0.53	1.2
5mm Clear Low E Soft / 10mm Air / 5mm Clear Low E	71%	0.53	1.2
5mm Clear Low E Soft / 12mm Air / 5mm Clear Low E	71%	0.53	1.2
6mm Clear Low E Soft / 10mm Air / 6mm Clear Low E	70%	0.51	1.2
6mm Clear Low E Soft / 12mm Air / 6mm Clear Low E	70%	0.52	1.2