

SOLAR ADVANTAGE LOW-E GLASS

Brand Name	Code	Colour	Thk (mm)	Visible Light			Solar Radiation			Summer U-Value(W/m2K)		SC	SHGC
				Trn (%)	Ref _{out} (%)	Ref _{in} (%)	Trn (%)	Ref (%)	Abs (%)	Air	Argon		

Single Glazing Performance Data

CGT Solar Advantage#2

Solar Advantage	100	Clear	6	68	9	10	52	9	39	3.37		0.70	0.60
	128	Clear	6	82	10	11	66	10	24	2.78		0.81	0.70
	168	Blue Grey	6	60	8	9	46	7	47	2.84		0.61	0.52
	200	Green	6	56	7	10	28	6	66	3.37		0.48	0.42
	268	Blue Green	6	51	7	8	29	6	65	2.83		0.48	0.41
	300	Grey	6	34	5	9	29	6	65	3.37		0.50	0.43
	368	Grey	6	30	5	8	23	6	71	2.83		0.42	0.36
	400	Blue	6	40	6	9	22	5	73	3.37		0.44	0.37
	468	Blue	6	36	6	8	20	5	75	2.83		0.40	0.34

Double Glazing Performance Data

CGT 24mm Solar Advantage Insulite

6mm Solar Advantage#2 + A12 + 6mm Clear

Solar Advantage Insulite	100	Clear	24	61	12	16	43	12	45	2.14	1.93	0.59	0.51
	128	Clear	24	73	16	17	52	13	35	1.87	1.63	0.71	0.62
	168	Blue Grey	24	53	11	15	35	9	56	1.87	1.63	0.51	0.45
	200	Green	24	50	10	15	24	7	69	2.14	1.93	0.38	0.33
	268	Blue Green	24	46	9	15	25	7	68	1.87	1.63	0.38	0.33
	300	Grey	24	30	6	15	24	7	69	2.14	1.93	0.39	0.34
	368	Grey	24	27	6	14	19	6	75	1.87	1.63	0.33	0.29
	400	Blue	24	36	8	15	21	7	72	2.14	1.93	0.34	0.32
	468	Blue	24	32	7	14	17	6	77	1.87	1.63	0.30	0.26

Laminated Performance Data

CGT 13.52mm Solar Advantage Shatterpruf

6mm Clear+ 1.52mm Clear PVB + 6mm Solar Advantage#4

Solar Advantage Shatterpruf	100	Clear	13.52	66	9	10	44	7	49	3.28		0.63	0.54
	128	Clear	13.52	80	10	11	56	8	36	2.72		0.72	0.63
	168	Blue Grey	13.52	58	8	9	37	6	57	2.76		0.56	0.48
	200	Green	13.52	50	7	8	25	5	70	3.28		0.48	0.41
	268	Blue Green	13.52	47	8	13	25	5	70	2.76		0.45	0.39
	300	Grey	13.52	33	5	9	25	5	70	3.28		0.47	0.40
	368	Grey	13.52	29	5	8	20	5	75	2.76		0.40	0.34
	400	Blue	13.52	39	6	9	21	6	73	3.28		0.43	0.37
	468	Blue	13.52	35	6	8	17	5	78	2.76		0.38	0.33

ELITE ADVANTAGE LOW-E GLASS

Brand Name	Code	Colour	Thk (mm)	Visible Light			Solar Radiation			Summer U-Value(W/m2K)		SC	SHGC
				Trn (%)	Ref _{out} (%)	Ref _{in} (%)	Trn (%)	Ref (%)	Abs (%)	Air	Argon		

Double Glazing Performance Data

CGT 24mm Elite Advantage Insulite

6mm Elite Advantage#2 + A12 + 6mm Clear

Elite Advantage Insulite	68/44	Clear	24	68	11	12	35	35	30	1.60	1.30	0.44	0.38
	62/40		24	62	11	12	31	33	36	1.60	1.30	0.40	0.35
	54/33		24	54	17	14	25	39	36	1.60	1.30	0.33	0.29
	48/32		24	48	14	11	23	33	44	1.60	1.30	0.32	0.28
	43/29		24	43	15	12	21	33	46	1.60	1.30	0.29	0.26
	41/26		24	41	20	13	19	41	40	1.60	1.30	0.26	0.23
Elite Advantage Insulite	57/34	Green	24	57	9	11	23	9	68	1.60	1.30	0.34	0.30
	51/31		24	51	9	12	21	9	70	1.60	1.30	0.31	0.28
	45/27		24	45	13	14	18	11	71	1.60	1.30	0.27	0.25
	40/26		24	40	11	11	16	10	74	1.60	1.30	0.26	0.23
	36/24		24	36	12	11	15	10	75	1.60	1.30	0.24	0.23
	34/23		24	34	16	13	13	12	75	1.60	1.30	0.23	0.21
Elite Advantage Insulite	33/27	Grey	24	33	6	10	17	12	71	1.60	1.30	0.27	0.24
	30/25		24	30	6	11	16	12	72	1.60	1.30	0.25	0.23
	26/22		24	26	7	13	12	13	75	1.60	1.30	0.22	0.20
	23/21		24	23	7	10	12	12	76	1.60	1.30	0.21	0.20
	21/20		24	21	7	11	10	12	78	1.60	1.30	0.20	0.18
	18/18		24	18	8	12	9	14	77	1.60	1.30	0.18	0.17
Elite Advantage Insulite	48/34	Light Grey	24	48	8	11	24	16	60	1.60	1.30	0.34	0.30
	44/32		24	44	8	11	22	16	62	1.60	1.30	0.32	0.28
	39/27		24	39	11	13	17	18	65	1.60	1.30	0.27	0.24
	38/26		24	38	12	16	17	19	64	1.60	1.30	0.26	0.23
	33/23		24	33	16	18	14	22	64	1.60	1.30	0.23	0.20
	29/22		24	29	13	13	13	19	68	1.60	1.30	0.22	0.20
Elite Advantage Insulite	57/37	Light Blue	24	57	9	11	26	14	60	1.60	1.30	0.37	0.32
	51/34		24	51	9	12	24	13	63	1.60	1.30	0.34	0.30
	45/29		24	45	13	14	19	16	65	1.60	1.30	0.29	0.26
	40/27		24	40	11	11	18	14	68	1.60	1.30	0.27	0.25
	39/25		24	39	20	18	16	20	64	1.60	1.30	0.25	0.22
	34/24		24	34	16	13	15	17	68	1.60	1.30	0.24	0.22
Elite Advantage Insulite	43/31	Dark Blue	24	43	7	11	21	12	67	1.60	1.30	0.31	0.28
	39/29		24	39	7	11	19	12	69	1.60	1.30	0.29	0.26
	34/25		24	34	9	13	16	14	70	1.60	1.30	0.25	0.23
	30/24		24	30	8	11	14	12	74	1.60	1.30	0.24	0.21
	27/22		24	27	9	11	13	12	75	1.60	1.30	0.22	0.21
	26/21		24	26	11	12	15	17	68	1.60	1.30	0.21	0.22