

OPTIK FLOAT 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 Optik

Optik	100	Clear	6	88	8	6	76	7	17	5.25		0.93	0.81
	200	Light Green	6	75	7	7	44	6	50	5.24		0.68	0.59
	200D	Dark Green	6	70	6	6	39	5	56	5.24		0.65	0.56
	300	Light Grey	6	65	6	6	54	6	40	5.25		0.77	0.66
	300M	Medium Grey	6	44	5	5	43	5	52	5.24		0.68	0.59
	300D	Dark Grey	6	15	4	4	34	5	61	5.24		0.61	0.53
	400	Bronze	6	50	6	6	46	5	49	5.24		0.70	0.61
	500	Light Blue	6	75	7	7	53	6	41	5.25		0.75	0.64
	500D	Dark Blue	6	58	6	6	43	5	52	5.25		0.68	0.59
	600	Blue Green	6	75	7	7	48	6	46	5.25		0.72	0.62

Double Glazing Performance Data

CGT 24mm Optik Insulite

6mm Optik + A12 + 6mm Clear

Optik Insulite	100	Clear	24	78	13	13	59	11	30	2.82	2.70	0.80	0.69
	200	Light Green	24	66	11	13	36	7	57	2.82	2.70	0.54	0.47
	200D	Dark Green	24	62	10	12	32	6	62	2.82	2.70	0.51	0.44
	300	Light Grey	24	57	10	12	43	8	49	2.82	2.70	0.63	0.54
	300M	Medium Grey	24	39	7	12	34	7	59	2.82	2.70	0.54	0.46
	300D	Dark Grey	24	14	4	11	25	6	69	2.82	2.70	0.46	0.39
	400	Bronze	24	44	7	12	36	7	57	2.82	2.70	0.56	0.49
	500	Light Blue	24	66	11	13	43	8	49	2.82	2.70	0.62	0.54
	500D	Dark Blue	24	51	8	12	34	6	60	2.82	2.70	0.54	0.46
	600	Blue Green	24	67	11	13	39	8	53	2.82	2.70	0.58	0.50

Laminated Performance Data

CGT 13.52mm Optik Shatterpruf

6mm Optik + 1.52mm Clear PVB + 6mm Clear

Optik Shatterpruf	100	Clear	13.52	84	7	7	59	6	35	5.03		0.80	0.69
	200	Light Green	13.52	72	7	7	36	5	59	5.03		0.63	0.54
	200D	Dark Green	13.52	67	6	6	32	5	63	5.03		0.60	0.52
	300	Light Grey	13.52	62	6	6	42	5	53	5.03		0.68	0.59
	300M	Medium Grey	13.52	42	5	5	33	5	62	5.03		0.61	0.52
	300D	Dark Grey	13.52	15	4	4	24	4	72	5.03		0.54	0.46
	400	Bronze	13.52	48	5	5	36	5	59	5.03		0.63	0.54
	500	Light Blue	13.52	72	6	6	42	5	53	5.03		0.68	0.59
	500D	Dark Blue	13.52	55	6	6	31	5	64	5.03		0.60	0.51
	600	Blue Green	13.52	72	7	7	39	5	56	5.03		0.65	0.56