

TWIN SEAL INSULATING GLASS UNITS WITH CLEAR

TYPE	PRODUCT	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHADING CO.	SHGC	MAX SIZE	WEIGHT m2	
			Trans.	Refl.	Trans.	Refl.		Air	Argon					
FLOAT	Clear	Float												
		3 + 12 + 3	80	14	69	12	56	2.7	2.6	0.87	0.76	2440 x 1220	15	
		4 + 12 + 4	80	14	66	12	52	2.7	2.6	0.85	0.74	2440 x 1400	20	
		5 + 12 + 5	79	14	63	11	45	2.7	2.5	0.83	0.72	2540 x 1840	25	
		6 + 12 + 6	78	14	60	11	45	2.7	2.5	0.81	0.70	4500 x 2700	30	
		8 + 12 + 6	77	13	57	10	42	2.7	2.5	0.78	0.67	4500 x 2700	35	
		10 + 12 + 6	76	13	54	9	39	2.6	2.5	0.74	0.64	4500 x 2700	40	
	12 + 12 + 6	75	13	49	9	37	2.6	2.5	0.69	0.60	4500 x 2700	45		
	Grey	Tint Float												
		4 + 12 + 4	49	8	46	8	29	2.7	2.6	0.65	0.57	2440 x 1400	20	
		5 + 12 + 5	42	7	39	7	24	2.7	2.5	0.60	0.52	2540 x 1840	25	
		6 + 12 + 6	37	7	35	6	20	2.7	2.5	0.55	0.48	4500 x 2700	30	
		10 + 12 + 6	24	5	22	5	10	2.6	2.5	0.42	0.36	4500 x 2700	40	
		12 + 12 + 6	17	4	18	5	8	2.6	2.5	0.38	0.33	4500 x 2700	45	
		Green	4 + 12 + 4	73	12	46	8	31	2.7	2.5	0.65	0.56	2440 x 1400	20
			5 + 12 + 5	70	12	38	7	28	2.7	2.5	0.58	0.50	2540 x 1840	25
			6 + 12 + 6	68	11	37	7	23	2.7	2.5	0.56	0.48	4500 x 2700	30
		Bronze	10 + 12 + 6	56	9	24	6	11	2.6	2.5	0.43	0.37	4500 x 2700	40
			4 + 12 + 4	53	8	48	8	25	2.7	2.5	0.67	0.58	2440 x 1400	20
			5 + 12 + 5	47	8	41	7	18	2.7	2.5	0.61	0.53	2540 x 1840	25
			6 + 12 + 6	45	7	36	6	16	2.7	2.5	0.57	0.49	4500 x 2700	30
10 + 12 + 6		27	5	48	5	6	2.6	2.5	0.42	0.37	4500 x 2700	40		
PERFORMANCE FLOAT	SuperGreen	High Performance Tint												
		4 + 12 + 4	65	12	36	8	13	2.7	2.6	0.54	0.47	2440 x 1400	20	
		5 + 12 + 5	64	12	35	8	15	2.7	2.5	0.53	0.46	2540 x 1840	25	
		6 + 12 + 6	58	11	27	7	11	2.7	2.5	0.46	0.39	4500 x 2700	30	
		SuperGrey	4 + 12 + 4	15	4	11	4	3	2.7	2.6	0.30	0.26	2440 x 1400	20
			6 + 12 + 6	8	4	6	4	1	2.7	2.5	0.25	0.21	4500 x 2700	30
	SuperBlue	4 + 12 + 4	58	10	38	7	26	2.7	2.6	0.56	0.48	2440 x 1400	20	
		6 + 12 + 6	47	8	27	6	17	2.7	2.5	0.46	0.39	4500 x 2700	30	
	EnviroShield Reflective Float													
	TS21 on Clear (#2)	6 + 12 + 6	18	23	11	21	6	2.4	2.2	0.25	0.22	3660 x 2140	30	
	TS30 on Clear (#2)	6 + 12 + 6	26	18	17	17	9	2.5	2.3	0.33	0.28	3660 x 2140	30	
	SS22 on Clear (#2)	6 + 12 + 6	18	24	13	20	8	2.4	2.2	0.27	0.23	3660 x 2140	30	
	SS08 on Clear (#2)	6 + 12 + 6	7	42	5	34	3	2.3	2.1	0.16	0.14	3660 x 2140	30	
	TS21 on Green (#2)	6 + 12 + 6	16	18	8	12	3	2.4	2.2	0.23	0.20	3660 x 2140	30	
	TS30 on Green (#2)	6 + 12 + 6	23	15	11	10	5	2.5	2.3	0.28	0.24	3660 x 2140	30	
	SS20 on Green (#2)	6 + 12 + 6	16	20	8	12	4	2.4	2.2	0.24	0.20	3660 x 2140	30	
	TS21 on Grey (#2)	6 + 12 + 6	9	9	6	10	2	2.4	2.2	0.22	0.18	3660 x 2140	30	
	TS30 on Grey (#2)	6 + 12 + 6	12	8	9	8	3	2.6	2.3	0.26	0.22	3660 x 2140	30	
	SS22 on Grey (#2)	6 + 12 + 6	8	9	6	9	<1	2.4	2.2	0.22	0.19	3660 x 2140	30	
	EnviroShield Reflective Laminate													
	SS22 on Clear (#2)	6.38 + 12 + 6	20	26	14	27	<1	2.7	2.5	0.29	0.25	3660 x 2140	30.4	
TS30 on Clear (#2)	6.38 + 12 + 6	31	18	20	19	<1	2.7	2.5	0.37	0.32	3660 x 2140	30.4		
TS21 on Clear (#2)	6.38 + 12 + 6	22	24	13	27	<1	2.7	2.5	0.28	0.24	3660 x 2140	30.4		
SL20 Grey (#3)	6.38 + 12 + 6	8	9	8	10	<1	2.7	2.5	0.26	0.22	3660 x 2140	30.4		
SL20 Bronze (#3)	6.38 + 12 + 6	11	11	9	12	<1	2.7	2.5	0.27	0.23	3660 x 2140	30.4		
SL20 Green (#3)	6.38 + 12 + 6	15	17	12	18	<1	2.7	2.5	0.28	0.24	3660 x 2140	30.4		
SL20 Coolblue (#3)	6.38 + 12 + 6	15	18	12	19	<1	2.7	2.5	0.29	0.25	3660 x 2140	30.4		
SL20 Silver (#3)	6.38 + 12 + 6	18	23	13	22	<1	2.7	2.5	0.29	0.25	3660 x 2140	30.4		
LOW E FLOAT	Evantage Float													
	Grey (#2)	6 + 12 + 6	29	10	23	9	8	1.9	1.7	0.39	0.33	4500 x 2700	30	
	Bronze (#2)	6 + 12 + 6	34	13	28	11	9	1.9	1.7	0.44	0.38	4500 x 2700	30	
	BlueGreen (#2)	6 + 12 + 6	51	21	29	12	13	1.9	1.7	0.44	0.38	4500 x 2700	30	
	Clear (#2)	6 + 12 + 6	60	29	46	21	24	1.9	1.7	0.63	0.55	4500 x 2700	30	
	SuperGreen (#2)	6 + 12 + 6	43	17	20	9	6	1.9	1.7	0.33	0.29	4500 x 2700	30	
	SuperBlue (#2)	6 + 12 + 6	35	13	19	9	9	1.9	1.7	0.33	0.29	4500 x 2700	30	
	Sunergy Float													
	Clear (#2)	4 + 12 + 6	61	12	44	12	39	2.1	1.9	0.61	0.53	4500 x 2700	20	
	Clear (#2)	6 + 12 + 6	60	12	41	11	34	2.1	1.9	0.59	0.51	4500 x 2700	30	
	Clear (#2)	8 + 12 + 6	59	12	39	11	32	2.1	1.9	0.57	0.45	4500 x 2700	35	
Clear (#2)	10 + 12 + 6	55	12	40	11	33	2.1	1.9	0.56	0.49	4500 x 2700	40		
Green (#2)	6 + 12 + 6	49	10	23	7	13	2.1	1.9	0.38	0.33	4500 x 2700	30		
Azur (#2)	6 + 12 + 6	49	10	26	7	20	2.1	1.9	0.41	0.35	4500 x 2700	30		
LAMINATE	Laminate													
	Clear	6.38 + 12 + 6	76	13	57	10	<1	2.7	2.5	0.77	0.67	4280 x 2700	30.4	
	Grey	6.38 + 12 + 6	36	6	35	7	<1	2.7	2.5	0.56	0.49	4280 x 2700	30.4	
	Bronze	6.38 + 12 + 6	42	7	37	7	<1	2.7	2.5	0.58	0.50	3660 x 2440	30.4	
	BlueGreen	6.38 + 12 + 6	62	10	49	9	<1	2.7	2.5	0.69	0.60	3660 x 2440	30.4	
	Translucent	6.38 + 12 + 6	48	8	37	7	<1	2.7	2.5	0.58	0.50	4280 x 2700	30.4	
SuperGreen	6.38 + 12 + 6	59	11	28	7	<1	2.7	2.5	0.46	0.40	4280 x 2700	30.4		

Clear float has been used as the inner panel.

The data is measured using glass only and all care should be taken when evaluating our published data that the same environmental conditions have been used.

For the most up-to-date information, please visit our website.

All performance data is calculated using LBL Windows 5.2 software, NFRC 100 – 2001 conditions have been used.

Product Name – Where # appears, i.e. (#2), 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 is the width of the gap, then the thickness of the inner panel of the unit.

TWIN SEAL INSULATING GLASS UNITS WITH CLEAR

TYPE	PRODUCT	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHADING CO.	SHGC	MAX SIZE	WEIGHT m ²
			Trans.	Refl.	Trans.	Refl.		Air	Argon				
PERFORMANCE LAMINATE	EnviroShield Performance Laminate												
	ITO Clear 74 (#4)	8.76 + 12 + 6	66	13	36	8	<1	1.8	1.6	0.52	0.45	3300 x 2440	35.8
	ITO Green 67 (#4)	8.76 + 12 + 6	60	12	27	7	<1	1.8	1.6	0.42	0.37	3300 x 2440	35.8
	ITO Neutral 54 (#4)	8.76 + 12 + 6	48	9	25	6	<1	1.8	1.6	0.40	0.35	3300 x 2440	35.8
	ITO Grey 33 (#4)	8.76 + 12 + 6	30	6	17	5	<1	1.8	1.6	0.31	0.27	3300 x 2440	35.8
	ITO SuperGreen 45 (#4)	8.76 + 12 + 6	40	8	16	6	<1	1.8	1.6	0.30	0.26	3300 x 2440	35.8
ITO SuperBlue 40 (#4)	8.76 + 12 + 6	36	7	16	5	<1	1.8	1.6	0.30	0.26	3300 x 2440	35.8	
LOW E LAMINATE	ComfortPlus Laminate												
	Neutral 59 (#4)	8.38 + 12 + 6	52	9	33	8	<1	1.9	1.6	0.50	0.43	3300 x 2440	35.4
	Green 49 (#4)	8.38 + 12 + 6	64	13	34	8	<1	1.8	1.6	0.50	0.43	3660 x 2440	35.4
	Grey 37 (#4)	8.38 + 12 + 6	32	6	23	5	<1	1.9	1.6	0.38	0.33	3300 x 2440	35.4
	SuperGreen 49 (#4)	8.38 + 12 + 6	43	9	20	6	<1	1.8	1.6	0.34	0.29	3300 x 2440	35.4
	SuperBlue 44 (#4)	8.38 + 12 + 6	39	7	20	6	<1	1.9	1.6	0.35	0.30	3300 x 2440	35.4
	Neutral 59 (#4)	10.38 + 12 + 6	51	10	31	7	<1	-	1.6	0.47	0.41	3300 x 2440	41
	Clear 82 (#4)	10.38 + 12 + 6	70	14	46	11	<1	-	1.6	0.64	0.56	3300 x 2440	41
	Green 71 (#4)	10.38 + 12 + 6	58	12	27	8	<1	-	1.6	0.41	0.36	3300 x 2440	41
Grey 40 (#4)	10.38 + 12 + 6	34	6	28	7	<1	-	1.6	0.44	0.38	3300 x 2440	41	

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