

## TWIN SEAL IGU's WITH ENERGYTECH (LOW E)

TYPE	PRODUCT	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHADING CO.	SHGC	MAX SIZE	WEIGHT m <sup>2</sup>	
			Trans.	Refl.	Trans.	Refl.		Air	Argon					
FLOAT	Clear	Float												
		3 + 12 + 4	74	17	57	16	44	1.9	1.6	0.81	0.71	2440 x 1220	17.5	
		4 + 12 + 4	74	17	56	15	42	1.9	1.6	0.78	0.69	2440 x 1400	20	
		5 + 12 + 4	72	17	53	14	39	1.9	1.6	0.76	0.66	2540 x 1840	22.5	
		6 + 12 + 6	73	16	52	14	36	1.9	1.6	0.76	0.66	4500 x 2700	30	
		8 + 12 + 6	72	16	50	13	34	1.9	1.6	0.73	0.63	4500 x 2700	35	
		10 + 12 + 6	70	15	47	12	31	1.9	1.6	0.69	0.60	4500 x 2700	40	
	12 + 12 + 6	70	15	43	10	29	1.9	1.6	0.64	0.55	4500 x 2700	45		
	Grey	Tint Float												
		4 + 12 + 4	45	9	38	10	23	1.9	1.6	0.59	0.51	2440 x 1400	20	
		5 + 12 + 4	40	8	34	9	21	1.9	1.6	0.54	0.47	2540 x 1840	22.5	
		6 + 12 + 6	35	7	30	8	16	1.9	1.6	0.49	0.43	4500 x 2700	30	
		10 + 12 + 6	22	5	18	6	8	1.9	1.6	0.35	0.30	4500 x 2700	40	
		12 + 12 + 6	16	5	15	5	6	1.9	1.6	0.31	0.27	4500 x 2700	45	
		4 + 12 + 4	67	15	39	10	25	1.9	1.6	0.58	0.51	2440 x 1400	20	
	Green	5 + 12 + 4	65	14	33	8	23	1.9	1.6	0.53	0.46	2540 x 1840	22.5	
		6 + 12 + 6	63	13	32	8	19	1.9	1.6	0.50	0.43	4500 x 2700	30	
		10 + 12 + 6	52	10	21	6	9	1.9	1.6	0.36	0.31	4500 x 2700	40	
	Bronze	4 + 12 + 4	49	10	40	10	20	1.9	1.6	0.61	0.53	2440 x 1400	20	
		5 + 12 + 4	45	9	35	9	15	1.9	1.6	0.55	0.48	2540 x 1840	22.5	
		6 + 12 + 6	41	8	31	8	12	1.9	1.6	0.51	0.44	4500 x 2700	30	
10 + 12 + 6	25	5	19	6	5	1.9	1.6	0.36	0.31	4500 x 2700	40			
PERFORMANCE FLOAT	SuperGreen	High Performance Tint												
		4 + 12 + 4	60	14	31	9	11	1.9	1.6	0.47	0.41	2440 x 1400	20	
		5 + 12 + 4	61	14	31	9	13	1.9	1.6	0.48	0.41	2540 x 1840	22.5	
		6 + 12 + 6	54	13	24	8	9	1.9	1.6	0.39	0.34	4500 x 2700	30	
		4 + 12 + 4	14	4	10	4	2	1.9	1.6	0.24	0.20	2440 x 1400	20	
		6 + 12 + 6	7	4	5	4	1	1.9	1.6	0.18	0.15	4500 x 2700	30	
	SuperGrey	4 + 12 + 4	54	11	32	8	21	1.9	1.6	0.50	0.43	2440 x 1400	20	
		6 + 12 + 6	43	9	23	7	13	1.9	1.6	0.39	0.34	4500 x 2700	22.5	
	SuperBlue	EnviroShield Reflective Float												
		4 + 12 + 4	14	4	10	4	2	1.9	1.6	0.24	0.20	2440 x 1400	20	
	TS21 on Clear (#2)	6 + 12 + 6	17	23	10	21	5	1.9	1.6	0.22	0.19	3660 x 2140	30	
		TS30 on Clear (#2)	6 + 12 + 6	25	18	15	17	7	1.9	1.6	0.29	0.25	3660 x 2140	30
		SS22 on Clear (#2)	6 + 12 + 6	17	24	11	20	7	1.9	1.6	0.24	0.20	3660 x 2140	30
		SS08 on Clear (#2)	6 + 12 + 6	7	43	5	34	2	1.8	1.6	0.13	0.11	3660 x 2140	30
		TS21 on Green (#2)	6 + 12 + 6	15	18	7	12	2	1.9	1.6	0.19	0.16	3660 x 2140	30
		TS30 on Green (#2)	6 + 12 + 6	22	15	10	10	4	1.9	1.6	0.23	0.20	3660 x 2140	30
		SS20 on Green (#2)	6 + 12 + 6	15	20	7	12	3	1.9	1.6	0.19	0.17	3660 x 2140	30
		TS21 on Grey (#2)	6 + 12 + 6	8	9	5	10	2	1.9	1.6	0.17	0.15	3660 x 2140	30
		TS30 on Grey (#2)	6 + 12 + 6	12	8	8	8	3	1.9	1.6	0.21	0.18	3660 x 2140	30
		SS22 on Grey (#2)	6 + 12 + 6	8	9	6	9	2	1.9	1.6	0.18	0.16	3660 x 2140	30
		SS22 on Clear (#2)	EnviroShield Reflective Laminate											
6.38 + 12 + 6			19	27	12	27	<1	1.9	1.6	0.25	0.21	3660 x 2140	30.4	
TS30 on Clear (#2)			6.38 + 12 + 6	29	18	18	20	<1	1.9	1.6	0.32	0.28	3660 x 2140	30.4
TS21 on Clear (#2)			6.38 + 12 + 6	21	24	12	27	<1	1.9	1.6	0.24	0.21	3660 x 2140	30.4
SL20 Grey (#3)			6.38 + 12 + 6	8	9	7	10	<1	1.9	1.6	0.2	0.17	3660 x 2140	30.4
SL20 Bronze (#3)	6.38 + 12 + 6		10	11	8	12	<1	1.9	1.6	0.22	0.18	3660 x 2140	30.4	
SL20 Green (#3)	6.38 + 12 + 6		14	17	10	18	<1	1.9	1.6	0.23	0.20	3660 x 2140	30.4	
SL20 Coolblue (#3)	6.38 + 12 + 6	14	18	11	19	<1	1.9	1.6	0.24	0.21	3660 x 2140	30.4		
SL20 Silver (#3)	6.38 + 12 + 6	17	23	12	22	<1	1.9	1.6	0.24	0.21	3660 x 2140	30.4		
LOW E FLOAT	Grey (#2)	Evantage Float												
		6 + 12 + 6	27	11	20	9	7	1.7	1.5	0.36	0.31	4500 x 2700	30	
		Bronze (#2)	6 + 12 + 6	32	13	24	11	7	1.7	1.5	0.41	0.36	4500 x 2700	30
		BlueGreen (#2)	6 + 12 + 6	48	22	26	13	10	1.7	1.5	0.41	0.36	4500 x 2700	30
		Clear (#2)	6 + 12 + 6	56	30	41	22	19	1.7	1.5	0.61	0.53	4500 x 2700	30
		SuperGreen (#2)	6 + 12 + 6	40	18	18	9	5	1.7	1.5	0.31	0.27	4500 x 2700	30
	SuperBlue (#2)	6 + 12 + 6	33	14	17	9	7	1.7	1.5	0.31	0.27	4500 x 2700	30	
	Clear (#2)	Sunergy Float												
		4 + 12 + 6	57	14	40	13	31	1.8	1.6	0.58	0.5	4500 x 2700	20	
		6 + 12 + 6	56	14	38	12	27	1.8	1.5	0.56	0.49	4500 x 2700	30	
		8 + 12 + 6	55	13	36	12	26	1.8	1.5	0.55	0.47	4500 x 2700	35	
		10 + 12 + 6	55	13	35	11	25	1.8	1.5	0.53	0.46	4500 x 2700	40	
		Green (#2)	6 + 12 + 6	46	11	21	7	10	1.8	1.5	0.36	0.31	4500 x 2700	30
		Azur (#2)	6 + 12 + 6	46	11	24	7	16	1.8	1.5	0.38	0.33	4500 x 2700	30
		Grey (#4)	10.38 + 12 + 6	26	6	20	7	<1	-	1.5	0.35	0.3	4500 x 2700	41
LAMINATE		Laminate												
	Clear	6.38 + 12 + 6	71	19	50	12	<1	1.9	1.6	0.73	0.64	4280 x 2700	30.4	
	Grey	6.38 + 12 + 6	34	7	31	8	<1	1.9	1.6	0.51	0.44	4280 x 2700	30.4	
	Bronze	6.38 + 12 + 6	40	8	32	8	<1	1.9	1.6	0.53	0.46	3660 x 2440	30.4	
	BlueGreen	6.38 + 12 + 6	58	12	42	10	<1	1.9	1.6	0.65	0.56	3660 x 2440	30.4	
	Translucent	6.38 + 12 + 6	45	9	33	8	<1	1.9	1.6	0.53	0.46	4280 x 2700	30.4	
SuperGreen	6.38 + 12 + 6	55	12	24	8	<1	1.9	1.6	0.40	0.35	4280 x 2700	30.4		

EnergyTech (#3) 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.

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TYPE	PRODUCT	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHADING CO.	SHGC	MAX SIZE	WEIGHT m <sup>2</sup>
			Trans.	Refl.	Trans.	Refl.	Air	Argon					
PERFORMANCE LAMINATE	<b>EnviroShield Performance</b>												
	ITO Clear 74 (#4)	8.76 + 12 + 6	61	15	33	9	<1	1.7	1.5	0.50	0.43	3300 x 2440	35.8
	ITO Green 67 (#4)	8.76 + 12 + 6	56	13	26	7	<1	1.7	1.5	0.40	0.35	3300 x 2440	35.8
	ITO Neutral 54 (#4)	8.76 + 12 + 6	45	10	23	7	<1	1.7	1.5	0.38	0.33	3300 x 2440	35.8
	ITO Grey 33 (#4)	8.76 + 12 + 6	28	6	16	5	<1	1.7	1.5	0.30	0.26	3300 x 2440	35.8
	ITO SuperGreen 45 (#4)	8.76 + 12 + 6	37	9	15	6	<1	1.7	1.5	0.28	0.24	3300 x 2440	35.8
ITO SuperBlue 40 (#4)	8.76 + 12 + 6	33	7	15	6	<1	1.7	1.5	0.28	0.24	3300 x 2440	35.8	
LOW E LAMINATE	<b>ComfortPlus Laminate</b>												
	Neutral 59 (#4)	8.38 + 12 + 6	49	11	31	8	<1	1.7	1.5	0.48	0.41	3300 x 2440	35.4
	Green 49 (#4)	8.38 + 12 + 6	60	15	31	9	<1	1.7	1.5	0.48	0.41	3660 x 2440	35.4
	Grey 37 (#4)	8.38 + 12 + 6	30	7	21	6	<1	1.7	1.5	0.36	0.31	3300 x 2440	35.4
	SuperGreen 49 (#4)	8.38 + 12 + 6	41	10	19	7	<1	1.7	1.5	0.32	0.28	3300 x 2440	35.4
	SuperBlue 44 (#4)	8.38 + 12 + 6	36	8	19	6	<1	1.7	1.5	0.33	0.28	3300 x 2440	35.4
	Neutral 59 (#4)	10.38 + 12 + 6	48	11	29	8	<1	-	1.5	0.45	0.39	3300 x 2440	41
	Clear 82 (#4)	10.38 + 12 + 6	66	16	42	12	<1	-	1.5	0.62	0.54	3300 x 2440	41
	Green 71 (#4)	10.38 + 12 + 6	54	14	25	8	<1	-	1.5	0.39	0.34	3300 x 2440	41
Grey 40 (#4)	10.38 + 12 + 6	31	7	25	7	<1	-	1.5	0.42	0.36	3300 x 2440	41	

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