Performance Data

WALSHSGLASS
THE GLASS SPECIALIST

TWIN SEAL INSULATING GLASS UNITS WITH CLEAR

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

Clear float has been used as the inner panel.

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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.

Performance Data

WALSHSGLASS
THE GLASS SPECIALIST

TWIN SEAL INSULATING GLASS UNITS WITH CLEAR

TYPE	PRODUCT	NOMINAL THICKNESS	VISIBLE		SOLAR		UV TRANS	U VALUE		SHADING CO.	SHGC	WEIGHT m2
			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	35.8
	ITO Green 67 (#4)	8.76 + 12 + 6	60	12	27	7	<1	1.8	1.6	0.42	0.37	35.8
	ITO Neutral 54 (#4)	8.76 + 12 + 6	48	9	25	6	<1	1.8	1.6	0.40	0.35	35.8
	ITO Grey 33 (#4)	8.76 + 12 + 6	30	6	17	5	<1	1.8	1.6	0.31	0.27	35.8
	ITO SuperGreen 45 (#4)	8.76 + 12 + 6	40	8	16	6	<1	1.8	1.6	0.30	0.26	35.8
	ITO SuperBlue 40 (#4)	8.76 + 12 + 6	36	7	16	5	<1	1.8	1.6	0.30	0.26	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	35.4
	Green 49 (#4)	8.38 + 12 + 6	64	13	34	8	<1	1.8	1.6	0.50	0.43	35.4
	Grey 37 (#4)	8.38 + 12 + 6	32	6	23	5	<1	1.9	1.6	0.38	0.33	35.4
	SuperGreen 49 (#4)	8.38 + 12 + 6	43	9	20	6	<1	1.8	1.6	0.34	0.29	35.4
	SuperBlue 44 (#4)	8.38 + 12 + 6	39	7	20	6	<1	1.9	1.6	0.35	0.30	35.4
	Neutral 59 (#4)	10.38 + 12 + 6	51	10	31	7	<1	-	1.6	0.47	0.41	41
	Clear 82 (#4)	10.38 + 12 + 6	70	14	46	11	<1	-	1.6	0.64	0.56	41
	Green 71 (#4)	10.38 + 12 + 6	58	12	27	8	<1	-	1.6	0.41	0.36	41
	Grey 40 (#4)	10.38 + 12 + 6	34	6	28	7	<1	-	1.6	0.44	0.38	41

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