



SINGAPORE SAFETY GLASS PTE LTD

(Company Reg No : 198903342R)

112 PIONEER ROAD,
SINGAPORE 639593

TEL : 68615530

Email : info@ssg.com.sg

Website : www.ssg.com.sg

Glass Performance Data

Product	Category	Code	Colour	Coating Surface	Thickness (mm)	Visible Light (%)			Solar Radiation (%)		U-Value (Summer) (W/m ² K)	SHGC	SC
						Trn	Ref out	Ref in	Trn	Ref			
Single Glazing	Low Iron	Low Iron	Low Iron	-	6	91	8	8	89	8	5.24	0.90	1.04
	Anti-Reflective	Anti-Reflective	Anti-Reflective	#1 & #2	6	99	0	0	84	13	5.21	0.85	0.97
	Clear	Clear	Clear	-	6	89	8	8	80	7	5.27	0.84	0.97
	Tinted	Tinted	Green	-	6	69	7	7	38	5	5.26	0.56	0.64
	Tinted	Tinted	Blue	-	6	57	6	6	44	5	5.26	0.60	0.69
	Tinted	Tinted	Grey	-	6	45	5	5	46	5	5.26	0.61	0.70
	Tinted	Tinted	Bronze	-	6	51	5	5	53	5	5.27	0.66	0.76
	Low-E (H)	SSG A61/52	Clear	#2	6	69	9	10	49	9	3.35	0.58	0.67
	Low-E (H)	SSG A45/39	Clear	#2	6	50	6	9	36	7	3.66	0.49	0.56
	Low-E (H)	SSG A53/45	Clear	#2	6	60	8	9	44	7	2.83	0.53	0.61
	Low-E (H)	SSG A49/48	Clear	#2	6	49	7	10	37	7	2.86	0.48	0.55
	Low-E (H)	SSG A73/62	Clear	#2	6	82	10	11	66	10	2.79	0.70	0.81
	Low-E (H)	SSG C40/26	Green	#2	6	45	6	9	20	5	2.83	0.35	0.40
	Low-E (H)	SSG C63/42	Green	#2	6	69	9	10	39	7	2.80	0.49	0.56
	Low-E (H)	SSG B27/24	Blue	#2	6	31	5	8	17	5	2.84	0.32	0.37
	Low-E (H)	SSG D30/33	Grey	#2	6	35	6	9	28	6	3.35	0.42	0.48
	Low-E (H)	SSG D21/26	Grey	#2	6	24	5	9	20	5	2.84	0.34	0.39
	Reflective	SSG A60/55	Clear	#2	6	67	25	29	58	19	3.01	0.62	0.72
	Reflective	SSG A63/67	Clear	#2	6	62	34	35	65	22	5.27	0.69	0.79
	Reflective	SSG A10/20	Clear	#2	6	9	40	42	7	31	3.66	0.21	0.24
	Reflective	SSG A20/30	Clear	#2	6	22	25	29	18	19	4.23	0.34	0.39
	Reflective	SSG A32/41	Clear	#2	6	33	19	26	30	13	4.59	0.45	0.52
	Reflective	SSG A37/47	Clear	#2	6	36	19	23	34	14	4.99	0.49	0.56
	Reflective	SSG A61/51	Clear	#2	6	50	16	21	47	12	5.18	0.60	0.69
	Reflective	SSG C43/29	Green	#2	6	48	16	27	23	8	3.01	0.37	0.43
	Reflective	SSG C31/39	Green	#2	6	30	18	32	20	10	5.27	0.42	0.48
	Reflective	SSG B24/38	Blue	#2	6	25	14	32	25	10	5.27	0.45	0.52
	Reflective	SSG B41/45	Blue	#2	6	40	17	34	33	11	5.27	0.51	0.59
	Reflective	SSG B35/29	Blue	#2	6	23	7	21	12	6	2.85	0.28	0.33
	Reflective	SSG D29/48	Grey	#2	6	31	12	34	36	10	5.27	0.53	0.61
	Reflective	SSG D29/33	Grey	#2	6	32	10	27	29	9	3.01	0.42	0.48
	Reflective	SSG E34/38	Bronze	#2	6	38	11	27	35	10	3.01	0.46	0.53



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						Trn	Ref out	Ref in	Trn	Ref	Air		
Laminated	Low Iron	LowIron/LowIron	Low Iron		13.52 (6/1.52/6)	90	8	8	80	8	4.88	0.84	0.96
	Anti-Reflective	AR/AR	Anti-Reflective	#2	13.52 (6/1.52/6)	98	0	0	78	12	4.85	0.81	0.93
	Clear	Clear/Clear	Clear		13.52 (6/1.52/6)	85	8	8	61	6	5.05	0.71	0.82
	Tinted	Green/Clear	Green		13.52 (6/1.52/6)	66	7	7	32	5	5.05	0.52	0.60
	Tinted	Blue/Clear	Blue		13.52 (6/1.52/6)	55	6	6	35	5	5.05	0.54	0.62
	Tinted	Grey/Clear	Grey		13.52 (6/1.52/6)	43	5	6	35	5	5.05	0.55	0.63
	Tinted	Bronze/Clear	Bronze		13.52 (6/1.52/6)	49	5	6	41	5	5.05	0.58	0.67
	Low-E (H)	SSG A61/52	Clear	#4	13.52 (6/1.52/6)	66	9	10	41	7	3.26	0.52	0.60
	Low-E (H)	SSG A45/39	Clear	#4	13.52 (6/1.52/6)	48	7	9	30	6	3.55	0.45	0.52
	Low-E (H)	SSG A53/45	Clear	#4	13.52 (6/1.52/6)	58	7	9	37	6	2.71	0.49	0.56
	Low-E (H)	SSG A49/48	Clear	#4	13.52 (6/1.52/6)	47	7	10	31	6	2.74	0.44	0.51
	Low-E (H)	SSG A73/62	Clear	#4	13.52 (6/1.52/6)	81	10	11	61	8	2.73	0.67	0.77
	Low-E (H)	SSG C40/26	Green	#4	13.52 (6/1.52/6)	43	6	9	18	5	2.72	0.34	0.40
	Low-E (H)	SSG B27/24	Blue	#4	13.52 (6/1.52/6)	29	5	8	15	5	2.73	0.32	0.37
	Low-E (H)	SSG D30/33	Grey	#4	13.52 (6/1.52/6)	33	6	9	23	5	3.26	0.39	0.45
	Low-E (H)	SSG D21/26	Grey	#4	13.52 (6/1.52/6)	23	5	9	16	5	2.73	0.33	0.38
	Low-E (S)	SSG A51/23B	Clear	#2	13.52 (6/1.52/6)	45	14	25	16	39	4.88	0.31	0.36
	Low-E (S)	SSG A64/27	Clear	#2	13.52 (6/1.52/6)	60	14	16	23	50	4.88	0.32	0.36
	Low-E (S)	SSG A70/39	Clear	#2	13.52 (6/1.52/6)	72	9	10	33	28	4.88	0.45	0.52
	Low-E (S)	SSG F71/30	Clear	#2	13.52 (6/1.52/6)	67	17	18	25	56	4.88	0.31	0.36
	Low-E (S)	SSG A66/28	Clear	#2	13.52 (6/1.52/6)	68	15	17	26	48	4.88	0.34	0.39
	Reflective	SSG A63/67	Clear	#2	13.52 (6/1.52/6)	72	21	21	57	15	5.05	0.66	0.76
	Reflective	SSG A10/20	Clear	#2	13.52 (6/1.52/6)	17	33	26	13	29	5.05	0.32	0.37
	Reflective	SSG A20/30	Clear	#2	13.52 (6/1.52/6)	22	27	22	15	22	5.05	0.36	0.41
	Reflective	SSG A32/41	Clear	#2	13.52 (6/1.52/6)	32	19	15	23	15	5.05	0.43	0.49
	Reflective	SSG A37/47	Clear	#2	13.52 (6/1.52/6)	37	17	14	27	14	5.05	0.46	0.53
	Reflective	SSG A61/51	Clear	#2	13.52 (6/1.52/6)	50	14	13	40	11	5.05	0.55	0.63
	Reflective	SSG C31/39	Green	#2	13.52 (6/1.52/6)	31	16	22	17	9	5.05	0.41	0.47
	Reflective	SSG B24/38	Blue	#2	13.52 (6/1.52/6)	26	12	22	20	8	5.05	0.43	0.49
	Reflective	SSG B41/45	Blue	#2	13.52 (6/1.52/6)	46	12	20	30	8	5.05	0.50	0.57
	Reflective	SSG D29/48	Grey	#2	13.52 (6/1.52/6)	36	9	19	31	7	5.05	0.51	0.59



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						Trn	Ref out	Ref in	Trn	Ref			
Double Glazing	Low Iron	LowIron/LowIron	Low Iron	-	24 (6/12/6)	84	15	15	80	15	2.84	0.82	0.95
	Anti-Reflective	AR/AR	Anti-Reflective	#1-#4	24 (6/12/6)	98	1	1	74	21	2.81	0.76	0.87
	Clear	Clear/Clear	Clear		24 (6/12/6)	80	14	14	64	12	2.86	0.73	0.84
	Tinted	Green/Clear	Green		24 (6/12/6)	62	11	13	32	7	2.86	0.44	0.51
	Tinted	Blue/Clear	Blue		24 (6/12/6)	51	9	13	36	7	2.86	0.48	0.55
	Tinted	Grey/Clear	Grey		24 (6/12/6)	40	7	12	36	7	2.85	0.49	0.56
	Tinted	Bronze/Clear	Bronze		24 (6/12/6)	45	8	12	41	7	2.85	0.53	0.61
	Low-E (H)	SSG A61/52	Clear	#2	24 (6/12/6)	61	13	16	40	11	2.17	0.49	0.56
	Low-E (H)	SSG A45/39	Clear	#2	24 (6/12/6)	44	9	15	29	8	2.30	0.40	0.46
	Low-E (H)	SSG A53/45	Clear	#2	24 (6/12/6)	54	11	15	36	9	1.92	0.45	0.52
	Low-E (H)	SSG A49/48	Clear	#2	24 (6/12/6)	44	9	16	30	8	1.94	0.40	0.46
	Low-E (H)	SSG A73/62	Clear	#2	24 (6/12/6)	74	16	17	54	13	1.91	0.62	0.72
	Low-E (H)	SSG C40/26	Green	#2	24 (6/12/6)	40	8	15	17	6	1.92	0.27	0.31
	Low-E (H)	SSG B27/24	Blue	#2	24 (6/12/6)	27	6	14	14	5	1.93	0.24	0.28
	Low-E (H)	SSG D30/33	Grey	#2	24 (6/12/6)	31	7	15	22	7	2.17	0.33	0.38
	Low-E (H)	SSG D21/26	Grey	#2	24 (6/12/6)	22	6	15	16	6	1.93	0.26	0.30
	Low-E (S)	SSG A72/39	Clear	#2	24 (6/12/6)	70	13	14	31	42	1.55	0.35	0.40
	Low-E (S)	SSG A61/34	Clear	#2	24 (6/12/6)	60	13	13	26	38	1.54	0.31	0.36
	Low-E (S)	SSG A50/26	Clear	#2	24 (6/12/6)	50	16	13	21	41	1.55	0.25	0.29
	Low-E (S)	SSG A40/21	Clear	#2	24 (6/12/6)	39	19	15	16	46	1.56	0.20	0.23
	Low-E (S)	SSG A37/20	Clear	#2	24 (6/12/6)	37	17	16	15	40	1.55	0.20	0.23
	Low-E (S)	SSG A31/18	Clear	#2	24 (6/12/6)	31	21	15	13	36	1.56	0.18	0.21
	Low-E (S)	SSG A70/38GS	Clear	#2	24 (6/12/6)	70	13	14	34	36	1.58	0.38	0.44
	Low-E (S)	SSG A61/32GS	Clear	#2	24 (6/12/6)	61	14	14	28	39	1.57	0.32	0.37
	Low-E (S)	SSG A48/26GS	Clear	#2	24 (6/12/6)	48	13	17	22	36	1.57	0.26	0.30
	Low-E (S)	SSG A40/22GS	Clear	#2	24 (6/12/6)	40	18	14	18	40	1.59	0.22	0.25
	Low-E (S)	SSG A30/19GS	Clear	#2	24 (6/12/6)	30	15	19	13	30	1.60	0.19	0.21
	Low-E (S)	SSG F67/29	Clear	#2	24 (6/12/6)	67	13	14	26	48	1.54	0.29	0.33
	Low-E (S)	SSG F59/27	Clear	#2	24 (6/12/6)	59	14	13	23	45	1.54	0.27	0.31
	Low-E (S)	SSG F49/23	Clear	#2	24 (6/12/6)	49	11	13	19	42	1.54	0.23	0.26
	Low-E (S)	SSG A51/23B	Clear	#2	24 (6/12/6)	51	12	19	19	37	1.53	0.23	0.27
	Low-E (S)	SSG A64/27	Clear	#2	24 (6/12/6)	64	13	14	24	40	1.48	0.27	0.32
	Low-E (S)	SSG A70/39	Clear	#2	24 (6/12/6)	70	11	12	34	28	1.53	0.39	0.45
	Low-E (S)	SSG F71/30	Clear	#2	24 (6/12/6)	68	13	14	26	54	1.48	0.28	0.32
	Low-E (S)	SSG A66/28	Clear	#2	24 (6/12/6)	67	13	14	25	49	1.48	0.28	0.32
	Reflective	SSG A60/55	Clear	#2	24 (6/12/6)	61	29	31	47	21	2.01	0.56	0.64
	Reflective	SSG A63/67	Clear	#2	24 (6/12/6)	57	37	36	51	26	2.85	0.60	0.69
	Reflective	SSG A10/20	Clear	#2	24 (6/12/6)	8	40	42	6	31	2.30	0.15	0.17
	Reflective	SSG A20/30	Clear	#2	24 (6/12/6)	19	26	31	15	20	2.52	0.25	0.29
	Reflective	SSG A32/41	Clear	#2	24 (6/12/6)	29	19	29	24	14	2.65	0.35	0.40
	Reflective	SSG A37/47	Clear	#2	24 (6/12/6)	33	20	27	27	15	2.77	0.39	0.45
	Reflective	SSG A61/51	Clear	#2	24 (6/12/6)	45	18	25	38	13	2.83	0.49	0.56
	Reflective	SSG C43/29	Green	#2	24 (6/12/6)	44	17	30	20	9	2.01	0.29	0.34
	Reflective	SSG C31/39	Green	#2	24 (6/12/6)	27	19	34	17	10	2.85	0.30	0.34
	Reflective	SSG B24/38	Blue	#2	24 (6/12/6)	22	14	34	20	10	2.85	0.33	0.38
	Reflective	SSG B41/45	Blue	#2	24 (6/12/6)	36	18	35	27	12	2.85	0.39	0.45
	Reflective	SSG B35/29	Blue	#2	24 (6/12/6)	21	7	25	11	6	1.93	0.20	0.24
	Reflective	SSG D29/48	Grey	#2	24 (6/12/6)	28	13	35	29	11	2.85	0.41	0.47
	Reflective	SSG D29/33	Grey	#2	24 (6/12/6)	29	11	30	24	9	2.01	0.34	0.39
	Reflective	SSG E34/38	Bronze	#2	24 (6/12/6)	34	13	30	28	11	2.01	0.38	0.44