

COATED PRODUCTS

2nd Surface Low-E Solutions — All data based on 1/4" (6mm) Clear or Solarshield Tinted Low-E Exterior / 1/4" (6mm) Clear Interior Lites

PRODUCT	Transmittance			Reflectance			U-Value				Shading Coefficient	SHGC	Rel. Heat Gain	Light to SHGC Ratio	Damage-Weighted Index ISO
	Vis.	Solar	UV	Vis. Ext.	Vis. In.	Solar	Wnter		Summer						
							Air	Argon	Air	Argon					
Clear Comfort Ti-AC 40	68	34	39	9	11	30	0.29	0.24	0.28	0.22	0.45	0.39	94	1.74	0.59
Clear Comfort Ti-AC 36	65	31	32	10	11	32	0.29	0.24	0.28	0.21	0.41	0.36	86	1.81	0.54
Clear Comfort Ti-AC 23	38	18	16	13	11	27	0.29	0.24	0.28	0.22	0.27	0.23	58	1.65	0.33
Clear Comfort Ti-AC	58	33	25	29	23	36	0.29	0.24	0.28	0.22	0.44	0.38	91	1.53	0.48
Clear Comfort Ti-R	66	38	17	21	19	30	0.29	0.24	0.28	0.21	0.50	0.44	104	1.50	0.47
Clear Comfort Ti-PS	74	46	36	11	11	21	0.30	0.25	0.29	0.23	0.61	0.53	126	1.40	0.63
Clear Comfort E2	73	54	39	14	15	13	0.34	0.30	0.35	0.30	0.72	0.63	149	1.16	0.61
Clear Sunergy	60	42	36	12	16	12	0.37	0.33	0.38	0.34	0.59	0.51	124	1.18	0.54
Green Comfort Ti-AC 40	57	24	13	9	10	9	0.29	0.24	0.28	0.22	0.36	0.31	75	1.84	0.42
Green Comfort Ti-AC 23	33	13	8	11	11	10	0.29	0.24	0.28	0.22	0.24	0.21	52	1.57	0.27
Green Comfort Ti-AC	51	23	13	23	23	15	0.29	0.24	0.28	0.22	0.34	0.29	71	1.76	0.38
Green Sunergy	50	24	13	10	15	7	0.37	0.33	0.38	0.34	0.39	0.33	82	1.52	0.39
Gray Comfort Ti-AC 40	32	17	10	6	9	12	0.29	0.24	0.28	0.22	0.28	0.24	60	1.33	0.25
Gray Comfort Ti-AC 23	19	9	7	6	10	11	0.29	0.24	0.28	0.22	0.19	0.17	43	1.12	0.17
Gray Comfort Ti-AC	30	17	11	10	22	14	0.29	0.24	0.28	0.22	0.28	0.25	61	1.20	0.24
Bronze Comfort Ti-AC 40	38	19	10	7	9	13	0.29	0.24	0.28	0.22	0.30	0.26	65	1.46	0.27
Bronze Comfort Ti-AC 23	23	11	6	7	11	13	0.29	0.24	0.28	0.22	0.21	0.18	45	1.28	0.18
Bronze Comfort Ti-AC	35	20	10	13	22	16	0.29	0.24	0.28	0.22	0.31	0.27	65	1.30	0.26
DkGrn Comfort Ti-AC 40	49	19	7	8	10	7	0.29	0.24	0.28	0.22	0.30	0.26	64	1.88	0.34
DkGrn Comfort Ti-AC 23	29	11	4	9	11	7	0.29	0.24	0.28	0.22	0.21	0.18	46	1.61	0.21
DkGrn Comfort Ti-AC	44	17	7	18	23	10	0.29	0.24	0.28	0.22	0.28	0.24	60	1.83	0.31
Azur Sunergy	50	26	21	10	15	7	0.37	0.33	0.38	0.34	0.41	0.36	88	1.39	0.43
Dark Blue Sunergy	36	20	17	7	15	6	0.37	0.33	0.38	0.34	0.34	0.30	74	1.20	0.36

3rd Surface Low-E Solutions — All data based on 1/4" (6mm) Clear or Tinted Exterior / 1/4" (6mm) Clear Low-E Interior Lites

PRODUCT	Transmittance			Reflectance			U-Value				Shading Coefficient	SHGC	Rel. Heat Gain	Light to SHGC Ratio	Damage-Weighted Index ISO
	Vis.	Solar	UV	Vis. Ext.	Vis. In.	Solar	Wnter		Summer						
							Air	Argon	Air	Argon					
Clear/ComfortTi-AC 40	68	34	39	11	9	32	0.29	0.24	0.28	0.22	0.55	0.47	113	1.45	0.59
Clear/ComfortTi-AC 36	65	31	32	11	10	34	0.29	0.24	0.28	0.21	0.52	0.45	107	1.44	0.54
Clear/ComfortTi-R	66	38	17	19	21	32	0.29	0.24	0.28	0.21	0.56	0.49	116	1.35	0.47
Clear/ComfortTi-PS	74	46	36	11	11	23	0.30	0.25	0.29	0.23	0.68	0.59	139	1.25	0.63
Clear/ComfortE2	73	54	39	15	14	14	0.34	0.30	0.35	0.30	0.79	0.69	163	1.06	0.61
Clear/Sunergy	60	42	36	16	12	14	0.37	0.33	0.38	0.34	0.75	0.65	156	0.92	0.54
Green/Comfort Ti-AC 40	59	25	20	9	9	10	0.29	0.24	0.28	0.22	0.43	0.37	89	1.59	0.47
Green/Comfort Ti-AC 36	57	23	16	9	10	11	0.29	0.24	0.28	0.21	0.41	0.36	86	1.58	0.43
Green/Comfort Ti-R	58	26	9	16	20	13	0.29	0.24	0.28	0.21	0.41	0.35	85	1.66	0.38
Green/Comfort Ti-PS	65	31	19	9	11	9	0.30	0.25	0.29	0.23	0.48	0.41	99	1.59	0.50
Green/Comfort E2	64	33	20	12	13	9	0.34	0.30	0.35	0.30	0.52	0.45	108	1.42	0.49
Green/Sunergy	53	27	18	13	12	9	0.37	0.33	0.38	0.34	0.50	0.43	106	1.23	0.43
Gray/Comfort Ti-AC 40	35	18	16	6	8	13	0.29	0.24	0.28	0.22	0.34	0.30	73	1.17	0.30
Gray/Comfort Ti-AC 36	33	16	13	6	9	13	0.29	0.24	0.28	0.21	0.33	0.28	69	1.18	0.28
Gray/Comfort Ti-R	34	20	7	8	20	13	0.29	0.24	0.28	0.21	0.35	0.30	74	1.13	0.24
Gray/Comfort Ti-PS	38	25	15	6	10	10	0.30	0.25	0.29	0.23	0.41	0.36	87	1.06	0.32
Gray/Comfort E2	37	29	16	7	12	7	0.34	0.30	0.35	0.30	0.48	0.42	102	0.88	0.31
Gray/Sunergy	31	23	15	7	11	7	0.37	0.33	0.38	0.34	0.47	0.41	99	0.76	0.28
Bronze/Comfort Ti-AC 40	41	20	15	7	8	15	0.29	0.24	0.28	0.22	0.37	0.32	78	1.28	0.32
Bronze/Comfort Ti-AC 36	40	19	13	7	9	15	0.29	0.24	0.28	0.21	0.36	0.31	75	1.29	0.29
Bronze/Comfort Ti-R	40	23	7	10	20	15	0.29	0.24	0.28	0.21	0.38	0.33	80	1.21	0.26
Bronze/Comfort Ti-PS	45	28	14	7	10	11	0.30	0.25	0.29	0.23	0.45	0.39	94	1.15	0.34
Bronze/Comfort E2	44	32	15	8	12	8	0.34	0.30	0.35	0.30	0.52	0.45	109	0.98	0.33
Bronze/Sunergy	37	25	14	8	11	8	0.37	0.33	0.38	0.34	0.51	0.44	107	0.84	0.29
BlueGrn/Comfort Ti-AC 40	58	25	21	9	9	11	0.29	0.24	0.28	0.22	0.43	0.37	89	1.57	0.48
BlueGrn/Comfort Ti-AC 36	56	23	17	10	10	12	0.29	0.24	0.27	0.21	0.41	0.36	86	1.56	0.44
BlueGrn/Comfort Ti-R	56	26	10	16	21	14	0.29	0.24	0.27	0.21	0.41	0.36	86	1.56	0.39
BlueGrn/Comfort Ti-PS	64	31	20	10	11	10	0.30	0.25	0.29	0.23	0.48	0.42	100	1.50	0.51
BlueGrn/Comfort E2	62	34	21	13	13	9	0.34	0.30	0.35	0.30	0.53	0.46	110	1.35	0.49
BlueGrn/Sunergy	51	27	20	13	12	9	0.37	0.33	0.38	0.34	0.51	0.44	108	1.16	0.43
DkGrn/Comfort Ti-AC 40	50	19	10	8	9	6	0.29	0.24	0.28	0.22	0.35	0.30	74	1.67	0.37
DkGrn/Comfort Ti-AC 36	48	18	8	8	9	7	0.29	0.24	0.28	0.21	0.34	0.29	72	1.66	0.34
DkGrn/Comfort Ti-R	49	19	4	13	20	8	0.29	0.24	0.28	0.21	0.33	0.28	69	1.75	0.31
DkGrn/Comfort Ti-PS	55	23	9	8	11	6	0.30	0.25	0.29	0.23	0.37	0.32	79	1.72	0.40
DkGrn/Comfort E2	54	24	10	10	13	6	0.34	0.30	0.35	0.30	0.40	0.35	85	1.54	0.38
DkGrn/Sunergy	44	19	9	11	12	6	0.37	0.33	0.38	0.34	0.39	0.34	84	1.29	0.33

Transmittance of UV rays are calculated as Tuv. Additional methods of calculation including Krochmann (Tdw-K) and also an assessment of Damage-Weighted Transmittance using Tdw-ISO are available. For more information, contact AGC's Technical Services Department. All units are 1/2" airspace (air-filled). Performance values based on representative production samples and product modeling data using LBNL Optics 5.1 and Window 5.2. Actual values may differ, due to variations in the manufacturing process. Values for center of glass only.