

PERFORMANCE

FRENCH GREEN FLOAT GLASS

OPTICAL PARAMETER

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FRENCH GREEN FLOAT GLASS OPTICAL PERFORMANCE

THICKNESS (MM)	ULTRA VIOLET	VISIBLE LIGHT			SOLAR			U-VALUE (W/M²K)		SC	L*	A*	B*	G
		TRANSMITTANCE	REFLECTANCE		DIRECT	REFLECTANCE	ABSORPTION	SUMMER	WINTER					
			1	2										
2.1	0.4739	0.8454	0.0680	0.0695	0.6638	0.0566	0.2796	5.3580	5.9450	0.8590	93.77	-3.27	0.73	74.51
2.2	0.4655	0.8423	0.0674	0.0689	0.6547	0.0560	0.2894	5.3549	5.9414	0.8520	93.59875	-3.465	0.69875	73.8625
2.3	0.4570	0.8392	0.0667	0.0693	0.6456	0.0553	0.2991	5.3519	5.9378	0.8450	93.4075	-3.68	0.6475	73.195
2.5	0.4401	0.8331	0.0654	0.0671	0.6274	0.0540	0.3186	5.3455	5.9305	0.8310	93.165	-3.97	0.685	72
3.0	0.4063	0.8207	0.0628	0.0647	0.5910	0.0514	0.3576	5.3330	5.9160	0.8030	92.72	-4.51	0.8	69365
3.2	0.3928	0.814	0.0663	0.0646	0.5747	0.0536	0.3718	5.3263	5.9078	0.7895	92.4225	-4.8425	0.8	68.5
3.5	0.3793	0.8073	0.0699	0.0645	0.5584	0.0557	0.3860	5.3195	5.8995	0.7760	92.125	-5.175	0.8	67.35
4.0	0.3522	0.7939	0.0769	0.0642	0.5258	0.0600	0.4143	5.3060	5.8830	0.7490	91.53	-5.84	0.8	65.05
5.0	0.3130	0.7736	0.0655	0.0663	0.4860	0.0503	0.4637	5.2460	5.8480	0.7220	90.23	-7.34	0.63	60.83
6.0	0.2729	0.7462	0.0638	0.0652	0.4360	0.0485	0.5155	5.2470	5.8130	0.6840	89.15	-8.47	1.18	57.96
8.0	0.2112	0.7013	0.0621	0.0632	0.3668	0.0467	0.5864	5.1910	5.7470	0.6330	86.54	-11.19	1.47	52.5
10.0	0.1539	0.6299	0.0576	0.0596	0.2834	0.0439	0.6727	5.1280	5.6730	0.5710	84.34	-13.5	1.77	48.46
12.0	0.1213	0.5988	0.0569	0.0574	0.2540	0.0438	0.7023	5.0740	5.6090	0.5510	81.85	-15.88	2.08	45.22

NOTE:

ALL THE OPTICAL PARAMETERS ARE TESTED WITH THE STANDARD ISO9050-2003(E).

THE COLOR BASED ON CIE 1976 L* A* B*.

G: TOTAL SOLAR ENERGY TRANSMITTANCE.