

COOL-LITE K series

SOLAR CONTROL GLASS



GLASS EXPROVER







SAINT-GOBAIN

COOL-LITE K series

Selective solar control and low-E coating for better energy savings

BETTER PLACE FOR PEOPLE

This solution protects interior spaces from heating up while maximizing daylight. Thereby sustainably reducing the cooling, heating and lighting effort required ; the result is a bright atmosphere and comfortable room temperature - in any season.

				
SOLAR CONTROL	TEMPERATURE CONTROL LOW-E	DAYLIGHT COMFORT from 30% to 60% transparency	ENERGY SAVINGS	COLORED, REFLECTIVE OR NEUTRAL AESTHETICS

PROCESSING

- Available in two versions : temperable or to be tempered
- To be assembled in double glazing only
- Edge deletion mandatory

PERFORMANCES

Standard thicknesses : 6-8-10 mm (other on request) - Dimensions : Jumbos, split sizes

Average performance values of DGU (6+12+6 mm) with coating on surface #2, according to the standards ISO 9050 m1 /EN 673¹ and to the standards NFRC 100

Product	Norm	Light Transmittance LT (%)	Solar Factor g/SHGC	Shading Coefficient SC	External Light Reflectance LRe (%)	Internal Light Reflectance LRI (%)	U-Value W/(m².K)		Other colors ²
							12mm air	16mm argon	
KN 130 II	ISO	31	0.24	0.28	21	13	1.8	1.4	KN 430 II KB 430 II KN 230 II
	NFRC	31	0.25	0.29	22	13	1.83	1.62	KB 130 II KN 730 II
KN 166 II	ISO	60	0.37	0.42	22	25	1.5	1.0	KN 066 II
	NFRC	60	0.37	0.43	22	25	1.63	1.41	
KS 138 II	ISO	36	0.25	0.29	40	19	1.6	1.2	KS 438 II KS 738 II KS 238 II
	NFRC	36	0.25	0.29	40	19	1.68	1.47	
KS 146 II	ISO	42	0.28	0.32	33	19	1.6	1.2	KS 446 II KS 748 II KS 246 II
	NFRC	42	0.28	0.32	33	19	1.68	1.47	
KS 150 II	ISO	46	0.33	0.38	29	16	1.6	1.2	KS 050 II
	NFRC	46	0.34	0.39	29	16	1.68	1.47	
KNT 140	ISO	37	0.27	0.31	23	12	1.8	1.3	KNT 440 KNT 740
	NFRC	37	0.28	0.32	23	12	1.80	1.60	KNT 240 KBT 440
KNT 155	ISO	47	0.36	0.42	17	10	1.9	1.5	KNT 455 KNT 440 KNT 255
	NFRC	47	0.37	0.42	17	10	1.83	1.63	
KNT 164	ISO	57	0.45	0.51	14	10	1.9	1.5	KNT 464 KNT 264 KNT 764
	NFRC	57	0.46	0.53	14	10	1.87	1.67	
KG 137	ISO	35	0.29	0.33	33 ³	32 ⁴	1.7	1.2	
	NFRC	35	0.28	0.32	33	32	1.70	1.49	

■ Green ■ Blue-green ■ Blue ■ Bronze ■ Extra clear ■ Silver

¹ DGU values calculated with PLANILUX as inner pane. Except for coatings produced only in Europe for which PLANICLEAR is used - ² Performances might change, please refer to The Essential - ³ COOL-LITE KG 137 annealed: LRe=30% - ⁴ COOL-LITE KG 137 annealed: LRI=29%