



Hanita QuickSavings Film Comparison Tool

Greece

Athens

kWh/sqm

		Film \ Glass-6mm	Single Clear	Single Tinted	IGU Clear	IGU Tinted	IGU Low-E	IGU HP Low-E
#	VLT	<i>Reflective</i>						
1	18%	Silver 20	281.33	136.99	163.44	77.84	133.57	53.36
2	17%	Silver 20 Low-E	290.38	162.19	164.74	82.97	125.84	46.78
3	33%	Silver 35	213.88	107.87	118.27	57.78	88.51	34.02
4	27%	Silver 35 Low-E	247.34	139.13	136.40	68.84	98.50	36.05
5	51%	Silver 50	142.58	73.77	67.50	31.59	46.66	15.73
6	17%	SolarBronze 20	283.18	143.52	158.51	76.01	125.60	49.16
7	33%	SolarBronze 35	234.09	119.53	130.36	61.43	97.53	38.15
8	50%	SolarBronze 50	168.99	88.07	88.25	44.63	65.10	23.82
9	17%	Silver 20 Xtra	323.56	255.14	293.49	202.71	268.37	159.01
10	33%	Silver 35 Xtra	244.06	186.68	228.83	151.21	209.06	114.69
11	48%	Silver 50 Xtra	174.62	130.50	172.26	113.51	158.49	80.02
12	16%	SolarBronze 20 Xtra	329.76	258.20	301.82	205.79	276.70	164.13
13	33%	SolarBronze 35 Xtra	271.88	211.30	250.14	167.09	227.87	124.93
#	VLT	<i>Dual Reflective</i>						
14	6%	OptiTune 05	296.91	145.26	171.28	81.45	137.50	55.64
15	13%	OptiTune 15	271.68	131.42	155.25	72.77	123.60	47.76
16	21%	OptiTune 22	208.61	105.76	103.53	50.49	71.50	25.59
17	32%	OptiTune 30	192.85	96.59	98.49	48.25	72.13	25.89
18	59%	OptiTune 55	85.48	43.50	30.88	15.05	16.33	4.45
19	8%	Titan 07 Xtra	319.39	246.20	300.44	201.05	278.42	167.44
20	19%	Titan 20 Xtra	245.12	182.04	243.58	156.75	227.69	133.86
21	36%	Titan 35 Xtra	179.21	127.35	185.57	116.62	174.26	96.68
22	52%	Titan 50 Xtra	144.53	100.84	148.65	91.27	138.00	63.70
#	VLT	<i>Neutral</i>						
23	22%	ColdSteel 20	212.49	111.37	99.97	50.45	64.58	23.30
24	40%	ColdSteel 35	149.95	78.72	59.85	27.80	34.92	10.77
25	51%	ColdSteel 50	132.22	66.73	57.56	26.83	37.75	12.95
#	VLT	<i>Spectrally Selective</i>						
26	51%	Argent 50	169.31	93.59	87.22	45.00	63.04	22.29
27	65%	Argent 65	160.07	84.22	92.40	45.90	72.72	26.90
28	67%	e-Lite 70	150.37	79.08	68.67	32.36	46.11	15.58
29	76%	OptiLite 75 Xtra	106.35	66.82	130.69	73.77	124.56	32.45

Legend

Over 199 kWh/sqm	
Over 99 kWh/sqm	
Over 49 kWh/sqm	

Exterior Film	Xtra
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Settings

Office Building - 4 Floors	Orientation	Floorspace	WWR	Flr-Ceiling	Ext Shading
	North	6400 sqm	25%	3m	None
HVAC - Standard VAV	Heat	Thermostat	Setback	Setback Time	
	Electric	21 °C to 24 °C	15 °C to 32 °C	20:00 to 06:00	
Film applied on all windows					