

Pilkington Activ™ Self-Cleaning Glass

Nominal Glass Thickness		Visible Light		Total Solar Energy		UV	U-Value				European U-Value (K-Value)		Solar Heat Gain Coefficient	Shading Coefficient
		Transmittance %	Reflectance %	Transmittance %	Reflectance %	Transmittance %	Summer		Winter		Air	Argon		
in.	mm						Air	Argon	Air	Argon				

Monolithic Glass Performance Data (Pilkington Activ™ Coating on #1 Surface)

3/32	2.5	84	15	82	12	50	1.03	–	1.12	–	5.8	–	0.83	0.97
1/8	3	84	15	80	12	48	1.03	–	1.11	–	5.8	–	0.82	0.95
5/32	4	84	15	78	12	47	1.03	–	1.10	–	5.8	–	0.81	0.94
3/16	5	84	14	77	12	46	1.03	–	1.10	–	5.8	–	0.80	0.93
1/4	6	83	15	74	12	43	1.03	–	1.09	–	5.8	–	0.78	0.91

Insulating Glass Performance Data

Pilkington Activ™ Self-Cleaning Glass Outer Lite (#1 Surface) and Optifloat™ Clear Glass Inner Lite

3/32	2.5	77	21	70	18	42	0.55	–	0.49	–	2.8	–	0.75	0.87
1/8	3	76	21	68	17	40	0.55	–	0.49	–	2.8	–	0.73	0.85
5/32	4	75	20	65	17	37	0.55	–	0.49	–	2.8	–	0.71	0.83
3/16	5	75	20	62	16	36	0.55	–	0.49	–	2.8	–	0.69	0.81
1/4	6	74	20	59	16	33	0.55	–	0.48	–	2.8	–	0.67	0.78

Pilkington Activ™ Self-Cleaning Glass Outer Lite (#1 Surface) and Solar E™ Solar Control Low-E Glass Inner Lite (#3 Surface)

1/8	3	50	22	38	20	28	0.37	0.31	0.33	0.28	1.8	1.5	0.63	0.74
5/32	4	52	22	37	20	27	0.38	0.32	0.33	0.29	1.8	1.5	0.62	0.72
3/16	5	52	22	36	19	26	0.38	0.32	0.33	0.29	1.8	1.5	0.61	0.71
1/4	6	51	22	34	19	24	0.37	0.32	0.33	0.28	1.8	1.5	0.60	0.69

Pilkington Activ™ Self-Cleaning Glass Outer Lite (#1 Surface) and Energy Advantage™ Low-E Glass Inner Lite (#3 Surface)

3/32	2.5	71	23	58	21	34	0.36	0.30	0.34	0.29	1.8	1.5	0.69	0.80
1/8	3	70	23	56	20	32	0.36	0.30	0.34	0.29	1.8	1.5	0.68	0.79
5/32	4	70	23	53	20	30	0.36	0.30	0.33	0.28	1.8	1.5	0.66	0.77
3/16	5	70	22	52	19	30	0.36	0.30	0.33	0.28	1.8	1.5	0.65	0.76
1/4	6	69	22	50	19	27	0.36	0.30	0.33	0.28	1.8	1.5	0.63	0.74