



Pilkington **Activ™** Range

Performance data

Table 1

 Pilkington **Activ™** and Pilkington **Activ SunShade™** Performance Data

Product Description Outer Pane	Light		Solar Radiant Heat				Shading Coefficients			U _g -value [W/m ² K]	Descriptive Code
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance (g value)	Short Wavelength	Long Wavelength	Total	Argon (90%)	
Double Insulating Glass Unit construction (with 4 mm Pilkington Optifloat™ Clear inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington Activ™ Clear	0.78	0.20	0.71	0.19	0.10	0.75	0.82	0.04	0.86	2.6	78/75
4 mm Pilkington Activ™ Blue	0.52	0.17	0.47	0.16	0.37	0.52	0.54	0.06	0.60	2.6	52/52
4 mm Pilkington Activ™ Bronze	0.53	0.18	0.48	0.16	0.36	0.54	0.56	0.06	0.62	2.6	53/54
4 mm Pilkington Activ SunShade™ Neutral	0.45	0.30	0.42	0.24	0.34	0.47	0.49	0.05	0.54	2.6	45/47
4 mm Pilkington Activ SunShade™ Blue	0.23	0.21	0.21	0.18	0.61	0.28	0.24	0.08	0.32	2.5	23/28
Double Insulating Glass Unit construction (with 4 mm Pilkington K Glass™ inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington Activ™ Clear	0.72	0.23	0.62	0.22	0.16	0.71	0.71	0.10	0.81	1.5	72/71
4 mm Pilkington Activ™ Blue	0.49	0.18	0.41	0.17	0.42	0.49	0.47	0.09	0.56	1.5	49/49
4 mm Pilkington Activ™ Bronze	0.49	0.19	0.42	0.18	0.40	0.49	0.48	0.09	0.57	1.5	49/49
4 mm Pilkington Activ SunShade™ Neutral	0.42	0.31	0.37	0.25	0.38	0.44	0.42	0.09	0.51	1.5	42/44
4 mm Pilkington Activ SunShade™ Blue	0.21	0.21	0.18	0.18	0.64	0.24	0.21	0.07	0.28	1.5	21/24
Double Insulating Glass Unit construction (with 4 mm Pilkington K Glass™ S inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington Activ™ Clear	0.77	0.18	0.58	0.26	0.16	0.67	0.66	0.10	0.76	1.2	77/67
4 mm Pilkington Activ™ Blue	0.52	0.16	0.39	0.18	0.43	0.46	0.45	0.08	0.53	1.2	52/46
4 mm Pilkington Activ™ Bronze	0.53	0.17	0.39	0.20	0.41	0.46	0.45	0.08	0.53	1.2	53/46
4 mm Pilkington Activ SunShade™ Neutral	0.45	0.29	0.34	0.27	0.39	0.41	0.39	0.08	0.47	1.2	45/41
4 mm Pilkington Activ SunShade™ Blue	0.22	0.21	0.17	0.19	0.64	0.23	0.20	0.06	0.26	1.2	22/23
Double Insulating Glass Unit construction (with 4 mm Pilkington Optitherm™ S1 Plus inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington Activ™ Clear	0.62	0.29	0.39	0.46	0.15	0.46	0.45	0.08	0.53	1.0	62/46
4 mm Pilkington Activ™ Blue	0.42	0.21	0.27	0.26	0.47	0.33	0.30	0.08	0.38	1.0	42/33
4 mm Pilkington Activ™ Bronze	0.43	0.22	0.26	0.29	0.45	0.32	0.30	0.07	0.37	1.0	43/32
4 mm Pilkington Activ SunShade™ Neutral	0.37	0.33	0.23	0.34	0.43	0.29	0.27	0.06	0.33	1.0	37/29
4 mm Pilkington Activ SunShade™ Blue	0.18	0.22	0.12	0.20	0.68	0.17	0.14	0.06	0.20	1.0	18/17
Double Insulating Glass Unit construction (with 6 mm Pilkington Optifloat™ Clear inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington Activ™ Clear	0.76	0.20	0.66	0.18	0.16	0.72	0.76	0.06	0.82	2.6	76/72
6 mm Pilkington Activ SunShade™ Neutral	0.45	0.29	0.39	0.23	0.38	0.45	0.45	0.07	0.52	2.5	45/45
6 mm Pilkington Activ™ Blue	0.51	0.17	0.43	0.15	0.42	0.50	0.50	0.07	0.57	2.6	51/50
Double Insulating Glass Unit construction (with 6 mm Pilkington K Glass™ inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington Activ™ Clear	0.71	0.23	0.58	0.21	0.21	0.68	0.66	0.12	0.78	1.5	71/68
6 mm Pilkington Activ SunShade™ Neutral	0.41	0.30	0.34	0.24	0.42	0.42	0.39	0.09	0.48	1.5	41/42
6 mm Pilkington Activ™ Blue	0.48	0.18	0.38	0.16	0.46	0.47	0.44	0.10	0.54	1.5	48/47
Double Insulating Glass Unit construction (with 6 mm Pilkington K Glass™ S inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington Activ™ Clear	0.76	0.17	0.54	0.24	0.22	0.64	0.62	0.12	0.74	1.2	76/64
6 mm Pilkington Activ SunShade™ Neutral	0.44	0.28	0.32	0.25	0.43	0.40	0.37	0.09	0.46	1.2	44/40
6 mm Pilkington Activ™ Blue	0.51	0.16	0.37	0.17	0.46	0.45	0.42	0.10	0.52	1.2	51/45
Double Insulating Glass Unit construction (with 6 mm Pilkington Optitherm™ S1 Plus inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington Activ™ Clear	0.61	0.29	0.37	0.42	0.21	0.44	0.42	0.09	0.51	1.0	61/44
6 mm Pilkington Activ SunShade™ Neutral	0.36	0.32	0.22	0.32	0.46	0.28	0.25	0.07	0.32	1.0	36/28
6 mm Pilkington Activ™ Blue	0.41	0.21	0.25	0.25	0.50	0.32	0.29	0.08	0.37	1.0	41/32

All performance data determined in accordance with EN 410 and EN 673.

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