



## 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 <sub>g</sub> -value [W/m <sup>2</sup> 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 <b>Optifloat™</b> Clear inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington <b>Activ™</b> 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 <b>Activ™</b> Blue	0.54	0.18	0.39	0.15	0.46	0.45	0.45	0.07	0.52	2.6	54/45
4 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> 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 <b>Activ SunShade™</b> Blue	0.29	0.22	0.22	0.17	0.61	0.28	0.25	0.08	0.33	2.5	29/28
Double Insulating Glass Unit construction (with 4 mm Pilkington <b>K Glass™</b> inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington <b>Activ™</b> 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 <b>Activ™</b> Blue	0.50	0.19	0.34	0.16	0.50	0.41	0.39	0.08	0.47	1.5	50/41
4 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> Neutral	0.42	0.30	0.37	0.25	0.38	0.44	0.42	0.09	0.51	1.5	42/44
4 mm Pilkington <b>Activ SunShade™</b> Blue	0.27	0.22	0.19	0.17	0.64	0.25	0.22	0.06	0.28	1.5	27/25
Double Insulating Glass Unit construction (with 4 mm Pilkington <b>K Glass™</b> S inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington <b>Activ™</b> 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 <b>Activ™</b> Blue	0.53	0.17	0.33	0.16	0.51	0.39	0.38	0.07	0.45	1.2	53/39
4 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> Neutral	0.45	0.31	0.34	0.27	0.39	0.41	0.39	0.08	0.47	1.2	45/41
4 mm Pilkington <b>Activ SunShade™</b> Blue	0.29	0.22	0.18	0.17	0.65	0.23	0.21	0.06	0.27	1.2	29/23
Double Insulating Glass Unit construction (with 4 mm Pilkington <b>Optitherm™</b> S1 Plus inner pane and 16 mm 90% argon filled cavity)											
4 mm Pilkington <b>Activ™</b> Clear	0.66	0.27	0.40	0.45	0.15	0.46	0.47	0.06	0.53	1.0	66/46
4 mm Pilkington <b>Activ™</b> Blue	0.45	0.21	0.25	0.21	0.54	0.29	0.28	0.06	0.34	1.0	45/29
4 mm Pilkington <b>Activ™</b> Bronze	0.45	0.21	0.27	0.29	0.44	0.32	0.31	0.06	0.37	1.0	45/32
4 mm Pilkington <b>Activ SunShade™</b> Neutral	0.39	0.32	0.24	0.34	0.42	0.29	0.28	0.05	0.33	1.0	39/29
4 mm Pilkington <b>Activ SunShade™</b> Blue	0.25	0.23	0.14	0.19	0.67	0.18	0.16	0.05	0.21	1.0	25/18
Double Insulating Glass Unit construction (with 6 mm Pilkington <b>Optifloat™</b> Clear inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> 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 <b>Activ™</b> Blue	0.44	0.16	0.29	0.14	0.57	0.36	0.33	0.08	0.41	2.6	44/36
Double Insulating Glass Unit construction (with 6 mm Pilkington <b>K Glass™</b> inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> 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 <b>Activ™</b> Blue	0.41	0.17	0.25	0.14	0.61	0.32	0.29	0.08	0.37	1.5	41/32
Double Insulating Glass Unit construction (with 6 mm Pilkington <b>K Glass™</b> S inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington <b>Activ™</b> 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 <b>Activ SunShade™</b> 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 <b>Activ™</b> Blue	0.44	0.15	0.25	0.14	0.61	0.31	0.29	0.06	0.35	1.2	44/31
Double Insulating Glass Unit construction (with 6 mm Pilkington <b>Optitherm™</b> S1 Plus inner pane and 16 mm 90% argon filled cavity)											
6 mm Pilkington <b>Activ™</b> Clear	0.65	0.27	0.38	0.42	0.20	0.45	0.44	0.08	0.52	1.0	65/45
6 mm Pilkington <b>Activ SunShade™</b> Neutral	0.38	0.32	0.23	0.32	0.45	0.28	0.27	0.05	0.32	1.0	38/28
6 mm Pilkington <b>Activ™</b> Blue	0.38	0.18	0.19	0.17	0.64	0.24	0.22	0.06	0.28	1.0	38/24

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

**Table 2**Pilkington **Activ Suncool™** Performance Data

Product Description	Light		Solar Radiant Heat				Shading Coefficients			U <sub>g</sub> -value [W/m <sup>2</sup> 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 6 mm Pilkington <b>Optifloat™</b> Clear inner pane and 16 mm 90% argon filled cavity)												
6 mm Pilkington <b>Activ Suncool™</b> 70/40*	0.68	0.16	0.37	0.36	0.27	0.40	0.42	0.04	0.46	1.1	68/40	
6 mm Pilkington <b>Activ Suncool™</b> 70/35*	0.66	0.21	0.32	0.39	0.29	0.35	0.37	0.03	0.40	1.0	66/35	
6 mm Pilkington <b>Activ Suncool™</b> 66/33*	0.62	0.21	0.31	0.40	0.29	0.33	0.35	0.03	0.38	1.0	62/33	
6 mm Pilkington <b>Activ Suncool™</b> 61/34 T**	0.62	0.23	0.32	0.38	0.30	0.35	0.37	0.03	0.40	1.0	62/35	
6 mm Pilkington <b>Activ Suncool™</b> Silver 50/30*	0.48	0.43	0.28	0.50	0.22	0.30	0.32	0.03	0.35	1.0	48/30	
6 mm Pilkington <b>Activ Suncool™</b> Blue 50/27*	0.47	0.24	0.24	0.39	0.37	0.26	0.27	0.03	0.30	1.0	47/26	
6 mm Pilkington <b>Activ Suncool™</b> 50/25*	0.47	0.24	0.23	0.40	0.37	0.25	0.26	0.03	0.29	1.0	47/25	
6 mm Pilkington <b>Activ Suncool™</b> 45/27 T**	0.46	0.23	0.25	0.44	0.31	0.28	0.29	0.03	0.32	1.0	46/28	
6 mm Pilkington <b>Activ Suncool™</b> 30/17*	0.29	0.30	0.15	0.41	0.44	0.17	0.17	0.03	0.20	1.1	29/17	

\* Annealed version only

\*\* Toughened version only

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

This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington, "Insulight", "Optifloat", "Activ", "SunShade", "K Glass", "Optitherm" and "Suncool" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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The Declaration of Performance for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)**Pilkington United Kingdom Limited**

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