



Pilkington **Activ**[™]

Technical Information Datasheet

Performance Data Pilkington **Insulight**[™]

		Light		Solar Radiant Heat				Shading Coefficient			U value W/m ² K		Sound Insulation
		Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance or g value	Short Wavelength	Long Wavelength	Total	Air	Argon	
Outer pane	Inner pane	Based on 16mm air filled cavity											R _w (C; Ctr)
4mm Activ [™]	4mm K Glass [™]	0.70	0.23	0.58	0.21	0.21	0.69	0.67	0.13	0.80	1.7	1.5	29 (-1; -4)
6mm Activ [™]	6mm K Glass [™]	0.69	0.22	0.53	0.20	0.27	0.77	0.62	0.15	0.77	1.7	1.5	31 (-1; -4)
8mm Activ [™]	6mm K Glass [™]	0.68	0.22	0.51	0.19	0.30	0.73	0.59	0.14	0.73	1.7	1.5	35 (-2; -6)
10mm Activ [™]	6mm K Glass [™]	0.67	0.22	0.49	0.18	0.33	0.61	0.57	0.14	0.71	1.7	1.5	35 (-1; -3)
4mm Activ [™] Blue	4mm K Glass [™]	0.49	0.19	0.33	0.16	0.51	0.41	0.38	0.10	0.48	1.7	1.5	29 (-1; -4)
6mm Activ [™] Blue	6mm K Glass [™]	0.40	0.17	0.24	0.14	0.62	0.32	0.28	0.09	0.37	1.7	1.5	31 (-1; -4)
8.5mm Activ Stippolyte ^{™*}	4mm K Glass [™]	0.66	0.21	0.47	0.15	0.38	0.56	0.55	0.11	0.66	1.7	1.5	35 dB R _w ^{**}
4mm Activ [™]	4mm Optitherm [™] SN	0.74	0.17	0.50	0.29	0.21	0.60	0.58	0.12	0.70	1.4	1.2	29 (-1; -4)
6mm Activ [™]	6mm Optitherm [™] SN	0.72	0.17	0.47	0.27	0.26	0.58	0.55	0.12	0.67	1.4	1.2	31 (-1; -4)
8mm Activ [™]	6mm Optitherm [™] SN	0.71	0.17	0.45	0.25	0.30	0.56	0.52	0.13	0.65	1.4	1.2	35 (-2; -6)
10mm Activ [™]	6mm Optitherm [™] SN	0.71	0.17	0.44	0.23	0.33	0.54	0.51	0.12	0.63	1.4	1.2	35 (-1; -3)
4mm Activ [™] Blue	4mm Optitherm [™] SN	0.51	0.17	0.30	0.17	0.53	0.38	0.35	0.09	0.44	1.4	1.2	29 (-1; -4)
6mm Activ [™] Blue	6mm Optitherm [™] SN	0.42	0.15	0.23	0.14	0.63	0.30	0.27	0.08	0.35	1.4	1.2	31 (-1; -4)
6mm Activ Suncool [™] HP 53/40	6mm Optifloat [™] Clear	0.49	0.14	0.33	0.21	0.46	0.39	0.38	0.07	0.45	1.5	1.3	31 (-1; -4)
6mm Activ Suncool [™] HP 50/30	6mm Optifloat [™] Clear	0.47	0.42	0.26	0.46	0.28	0.30	0.31	0.04	0.35	1.3	1.1	31 (-1; -4)
6mm Activ Suncool [™] HP 30/17	6mm Optifloat [™] Clear	0.28	0.30	0.15	0.40	0.45	0.18	0.17	0.04	0.21	1.3	1.1	31 (-1; -4)
6mm Activ Suncool [™] HP 70/40	6mm Optifloat [™] Clear	0.66	0.15	0.36	0.32	0.32	0.40	0.41	0.05	0.46	1.4	1.1	31 (-1; -4)
6.4mm Activ Optilam [™] Brown*	4mm K Glass [™]	0.41	0.15	0.34	0.14	0.51	0.44	0.40	0.11	0.51	1.7	1.5	35 dB R _w ^{**}
4mm Activ Optitherm [™] SN	4mm Optifloat [™] Texture*	0.72	0.18	0.47	0.28	0.25	0.54	0.55	0.08	0.63	1.4	1.2	29 (-1; -4)
6mm Activ Optitherm [™] SN	6mm Optifloat [™] Texture*	0.69	0.14	0.43	0.30	0.27	0.51	0.50	0.09	0.59	1.4	1.2	31 (-1; -4)

Determined in accordance with BS EN 410 and BS EN 673

* Not CE figures

** Predicted figures

Texture figures are the average for the product range and do not represent any individual design.

6.4mm Pilkington **Activ Optilam**[™] Brown based on light brown interlayer.

Pilkington **Activ Optilam**[™] Phon, R_w (C; Ctr) is determined in accordance with EN ISO 717-1. For other configurations,

R_w (C; Ctr) based on generally accepted values given in EN 12758. These represent conservative values which may be adopted in the absence of specific measured data.

Pilkington **Activ Optilam**[™] Phon is available in a range of thicknesses. Pilkington **Activ**[™] is also available as Pilkington **Activ Optilam**[™] Clear.

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