



## Pilkington **Activ**™ Range - performance data

External pane	Light (%)		Solar radiant heat (%)				Total shading coefficient	U <sub>g</sub> value [W/m <sup>2</sup> K]
	Transmittance L <sub>T</sub>	Reflectance LR out	Direct transmittance	Reflectance	Absorptance	Total transmittance g		Argon (90%)
Insulating glass unit construction: 6 mm external pane – 16 mm argon – 4 mm Pilkington <b>Optifloat</b> ™ Clear								
Pilkington <b>Activ</b> ™ Clear*	70	21	42	37	21	50	0,57	1,0
Pilkington <b>Activ</b> ™ Blue*	41	16	21	16	63	26	0,30	1,0
Pilkington <b>Activ SunShade</b> ™ Neutral*	41	30	25	30	44	31	0,36	1,0
Pilkington <b>Activ SunShade</b> ™ Blue*	22	18	11	15	74	16	0,18	1,0
Pilkington <b>Activ Suncool</b> ™ 71/39	67	18	34	39	27	36	0,41	1,0
Pilkington <b>Activ Suncool</b> ™ 70/40	69	16	38	36	27	40	0,46	1,1
Pilkington <b>Activ Suncool</b> ™ 70/35	66	21	33	39	28	35	0,40	1,0
Pilkington <b>Activ Suncool</b> ™ 66/33	63	21	31	41	28	33	0,38	1,0
Pilkington <b>Activ Suncool</b> ™ 61/34 T	63	23	33	38	29	35	0,40	1,0
Pilkington <b>Activ Suncool</b> ™ Grey 61/32	57	15	27	32	41	29	0,34	1,0
Pilkington <b>Activ Suncool</b> ™ 60/31	56	18	28	38	34	30	0,35	1,0
Pilkington <b>Activ Suncool</b> ™ 50/25	48	24	23	40	37	25	0,29	1,0
Pilkington <b>Activ Suncool</b> ™ Blue 50/27	48	24	24	39	37	27	0,30	1,1
Pilkington <b>Activ Suncool</b> ™ Silver 50/30	48	43	28	50	22	30	0,35	1,0
Pilkington <b>Activ Suncool</b> ™ 45/27 T	46	23	26	38	36	28	0,32	1,0
Pilkington <b>Activ Suncool</b> ™ 40/22	38	25	19	40	41	21	0,25	1,1
Pilkington <b>Activ Suncool</b> ™ 30/16	29	29	15	43	42	17	0,20	1,0
Insulating glass unit construction: 6 mm external pane – 16 mm argon – 4 mm Pilkington <b>Optifloat</b> ™ Clear – 16 mm argon – 4 mm Pilkington <b>Optitherm</b> ™ S3								
Pilkington <b>Activ</b> ™ Clear**	64	23	35	36	29	46	0,52	0,5
Pilkington <b>Activ</b> ™ Blue**	37	17	18	16	66	23	0,27	0,5
Pilkington <b>Activ SunShade</b> ™ Neutral**	38	30	21	30	49	28	0,32	0,5
Pilkington <b>Activ SunShade</b> ™ Blue**	20	18	10	15	75	14	0,16	0,5
Pilkington <b>Activ Suncool</b> ™ 71/39	61	20	29	40	31	33	0,38	0,5
Pilkington <b>Activ Suncool</b> ™ 70/40	62	18	32	37	31	37	0,42	0,6
Pilkington <b>Activ Suncool</b> ™ 70/35	60	23	29	40	32	32	0,37	0,5
Pilkington <b>Activ Suncool</b> ™ 66/33	57	23	27	41	31	31	0,35	0,5
Pilkington <b>Activ Suncool</b> ™ Grey 61/32	52	17	24	32	44	27	0,31	0,5
Pilkington <b>Activ Suncool</b> ™ 61/34 T	57	25	28	39	32	32	0,37	0,5
Pilkington <b>Activ Suncool</b> ™ 60/31	51	20	24	39	37	28	0,32	0,5
Pilkington <b>Activ Suncool</b> ™ 50/25	43	25	20	40	40	23	0,26	0,5
Pilkington <b>Activ Suncool</b> ™ Blue 50/27	43	25	21	39	40	24	0,28	0,6
Pilkington <b>Activ Suncool</b> ™ Silver 50/30	44	44	24	51	25	28	0,32	0,5
Pilkington <b>Activ Suncool</b> ™ 45/27 T	42	24	22	39	39	25	0,29	0,5
Pilkington <b>Activ Suncool</b> ™ 40/22	35	25	16	40	43	19	0,22	0,6
Pilkington <b>Activ Suncool</b> ™ 30/16	26	29	13	43	44	15	0,17	0,5

\* IGU with Pilkington **Optitherm**™ S1A

\*\* IGU with Pilkington **Optitherm**™ S3 T coating on surface #3 and Pilkington **Optitherm**™ S1A coating on surface #5

The above performance data has been determined in accordance with EN 410 and EN 673. Self-cleaning coating on surface 1 and solar control coating on surface 2.

The U<sub>g</sub>-value for gas-filled Insulating Glass Units has been based on 90% argon gas fill.

Please note: Solar control glass in annealed form may be subject to thermal stress and a thermal safety check is advisable for all applications.

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, "Activ", "SunShade", "Suncool" and "Optitherm" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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April 2022