



## Pilkington **AviSafe™** – technical performance

Product	Light (%)			Solar radiant heat (%)				Total Shading Coefficient	Selectivity index	U <sub>g</sub> [W/m <sup>2</sup> K]
	Transmittance	Reflectance external	Reflectance internal	Direct transmittance	Reflectance	Absorptance	Total transmission			Argon (90%)
Insulating glass units: 6 mm Pilkington <b>AviSafe™</b> outer pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> inner pane										
Pilkington <b>Optitherm™</b> S3	75	19	18	52	29	19	59	0.68	1.27	1.1
Pilkington <b>Optitherm™</b> S1A	69	23	23	42	38	20	50	0.57	1.40	1.0
Insulating glass units: 6 mm Pilkington <b>AviSafe™</b> outer pane – 16 mm argon – 6 mm Pilkington <b>Suncool™</b> XX/XX* inner pane										
Pilkington <b>Suncool™</b> 71/39	65	21	18	33	42	25	44	0.51	1.48	1.0
Pilkington <b>Suncool™</b> 70/35	65	23	20	32	42	26	44	0.51	1.49	1.0
Pilkington <b>Suncool™</b> 66/33	61	25	20	31	43	26	43	0.49	1.44	1.0
Pilkington <b>Suncool™</b> 50/25	46	26	21	22	40	38	45	0.52	1.04	1.0
Triple insulating glass units: 6 mm Pilkington <b>AviSafe™</b> outer pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> S3 T* middle pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> inner pane										
Pilkington <b>Optitherm™</b> S3	68	21	20	41	33	26	51	0.59	1.35	0.6
Pilkington <b>Optitherm™</b> S1A	63	24	25	35	39	27	45	0.52	1.40	0.5
Triple insulating glass units: 6 mm Pilkington <b>AviSafe™</b> outer pane – 16 mm argon – 6 mm Pilkington <b>Suncool™</b> XX/XX T* middle pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> S3 inner pane										
Pilkington <b>Suncool™</b> 71/39	59	22	19	29	43	29	38	0.44	1.57	0.5
Pilkington <b>Suncool™</b> 70/35	59	25	22	28	43	29	37	0.43	1.60	0.5
Pilkington <b>Suncool™</b> 66/33	56	26	22	27	44	30	36	0.41	1.55	0.5
Pilkington <b>Suncool™</b> 50/25	42	27	22	19	40	40	34	0.39	1.23	0.5

\* Pilkington **Optitherm™** S3 or Pilkington **Suncool™** coating on surface #3

Pilkington **AviSafe™** coating on surface #1.

The above performance data has been 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, "AviSafe", "Optitherm" and "Suncool" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



CE marking confirms that a product complies with its relevant harmonised European Norm.  
The Declaration of Performance for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



**Pilkington Group Limited**  
European Technical Centre  
Hall Lane – Lathom Nr Ormskirk L40 5UF – United Kingdom  
[marketing.communications@nsg.com](mailto:marketing.communications@nsg.com)  
**[www.pilkington.com](http://www.pilkington.com)**

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