



Pilkington Suncool™ 30/16 - technical performance

Glass (outer pane)	Light (%)			Solar Energy (%)				Total shading coefficient	U _g [W/m ² K]
	Transmittance	Reflectance external	Reflectance internal	Direct transmittance	Reflectance	Absorptance	Total transmission		Argon (90%)
Insulating glass units: 6 mm outer pane - 16 mm - 4 mm Pilkington Optifloat™ Clear									
Pilkington Suncool™ 30/16	30	25	19	16	40	44	18	0.21	1
Insulating glass units: 6 mm outer pane - 12 mm - 4 mm Pilkington Optifloat™ Clear - 12 mm - 4 mm Pilkington Optitherm™ S3									
Pilkington Suncool™ 30/16	28	25	21	14	40	46	16	0.19	0.7
Insulating glass units: 6 mm outer pane - 16 mm - 4 mm Pilkington Optifloat™ Clear									
Pilkington Suncool™ 30/16 T	30	26	11	16	37	47	19	0.21	1
Insulating glass units: 6 mm outer pane - 12 mm - 4 mm Pilkington Optifloat™ Clear - 12 mm - 4 mm Pilkington Optitherm™ S3									
Pilkington Suncool™ 30/16 T	27	26	14	14	37	50	17	0.19	0.7
Insulating glass units: 6 mm outer pane - 16 mm - 4 mm Pilkington Optifloat™ Clear									
Pilkington Activ Suncool™ 30/16	29	29	20	15	43	42	17	0.2	1
Insulating glass units: 6 mm outer pane - 12 mm - 4 mm Pilkington Optifloat™ Clear - 12 mm - 4 mm Pilkington Optitherm™ S3									
Pilkington Activ Suncool™ 30/16	26	29	21	13	43	44	15	0.18	0.7

The above performance data has been determined in accordance with EN 410 and EN 673.

Product description

The Pilkington **Suncool™** Range comprises our highest performing off-line coated, solar control and low-emissivity glass products. Coating technology has revolutionised the design of modern buildings enabling extensive use of glazing that combines functionality with stunning aesthetics.

Pilkington **Suncool™** 30/16 enables maximum protection against sunlight and glare. The glass has been developed for use in large façade and horizontal roof glazing constructions. Thanks to the extremely low solar energy transmittance (16%-19% - depending on unit construction) and the reflective properties of the glass it is suitable for areas with strong solar radiation, such as large office buildings and hard-to-reach-roof places.



Availability:

- Thicknesses: 6-12* mm
- Toughenable version: Pilkington **Suncool™** 30/16 Pro T
- When combined with Pilkington **Activ™** self-cleaning coating, Pilkington **Activ Suncool™** 30/16 is available in 6-8 mm thicknesses.
- Laminated version: Pilkington **Suncool Optilam™** 30/16

* other thicknesses available on request

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CE marking confirms that a product complies with its relevant harmonised European Norm.

The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



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