



Pilkington **Suncool™ Q**

High performance solar-control glass range

Pilkington Suncool™ Q Range - technical performance

Glass (outer pane)	Light (%)			Solar radiant heat (%)				Total shading coefficient	Selectivity index	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 argon – 4 mm Pilkington Optifloat™ Clear										
Pilkington Suncool™ Q 50	50	8	11	20	36	44	22	0.25	2.27	1.0
Pilkington Suncool™ Q 60	60	9	12	25	38	37	27	0.31	2.22	1.0
Pilkington Suncool™ Q 70	70	10	13	31	34	34	33	0.38	2.12	1.0
Triple insulating glass units: 6 mm outer pane – 12 mm argon – 4 mm Pilkington Optifloat™ Clear – 12 mm argon – 4 mm Pilkington Optitherm™ S3										
Pilkington Suncool™ Q 50	45	9	14	18	36	46	21	0.24	2.14	0.7
Pilkington Suncool™ Q 60	54	11	15	22	38	40	25	0.29	2.16	0.7
Pilkington Suncool™ Q 70	63	12	15	28	35	37	31	0.36	2.03	0.7

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

Product description

Pilkington **Suncool™** Q is a neutral, superior solar control glass range with high colour-stability, low reflection and superb selectivity. The range includes Pilkington **Suncool™** Q 50, Pilkington **Suncool™** Q 60 and Pilkington **Suncool™** Q 70 offering various levels of light transmission and a solar heat gain. All types look homogenous and attractive and can be combined in the same project.

The coating on the glass allows maximum natural daylight to enter the building whilst at the same time minimising solar radiation. This provides a more comfortable environment and cost-effective solution for building occupants and developers alike. In addition, its U_g-value of only 0.7* W/m²K, combined with the lowest reflectance on the market at only 8-10%** and colour-stability from all viewing angles, ensures a visually stunning façade.

"Innovation from tradition" describes what Pilkington glass stands for and Pilkington **Suncool™** Q remains true to this claim – offering the right product for right application from the extensive Pilkington solar-control glass product-range.

* in a triple-glazed IGU (6 mm Pilkington **Suncool™** Q – 12 mm argon – 4 mm Pilkington **Optifloat™** Clear – 12 mm argon – 4 mm Pilkington **Optitherm™** S3)

** in a double-glazed IGU (6 mm Pilkington **Suncool™** Q – 16 mm argon – 4 mm Pilkington **Optifloat™** Clear)

Benefits at a glance

- Neutral appearance
- Low reflection
- Superb selectivity
- High colour-stability from all angles



Availability:

- Standard sizes: 6000 × 3210 mm
- Thicknesses: 4-10 mm
- Laminated version: Pilkington **Suncool Optilam™** Q in thicknesses of 6.4-12.8 mm

Other sizes, thicknesses and Pilkington **Optiwhite™** low-iron substrate available on request.

Pilkington **Suncool™** Q can also be combined with other Pilkington glass products, such as Pilkington **Optitherm™** S3 low-e and others to provide additional functionality.

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.



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



Pilkington Italia S.p.A.

Via delle Industrie, 46 – 30175 Venezia

Tel: +39 041 5334911

mail: assistentatecnica@nsg.com

www.pilkington.it