



Pilkington **Suncool™** Dynamic
Responsive and sustainable solar control

Pilkington **Suncool**™ Dynamic - technical data

Product	State	Light transmittance, LT (%)	Total energy transmittance, g (%)
Pilkington Suncool ™ Dynamic as single pane (laminated safety glass)	clear	62	67
	tinted	10	44
Pilkington Suncool ™ Dynamic in double glazed IGU – U _g value 1.1	clear	56	46
	tinted	9	21
Pilkington Suncool ™ Dynamic in double glazed IGU – U _g value 1.0	clear	48	34
	tinted	8	14
Pilkington Suncool ™ Dynamic in triple glazed IGU – U _g value 0.7	clear	51	39
	tinted	9	16

The data refer to European standards, specifically to EN 410 and EN 673.

Pilkington **Suncool**™ Dynamic powered by Suntuitive® is the clever responsive yet simple solution to help prevent excessive heat build-up from the sun.

Pilkington **Suncool**™ Dynamic is a thermochromic laminated safety glass, which adapts to the changing incoming solar heat radiation conditions that change throughout the day and seasons. The glass lightens and darkens by itself (with no mechanical or electrical intervention) based on the amount of heat from the direct sunlight. The more direct and intense the sunlight on the glass the darker it will become. In comparison with electronically controlled glass technologies, you do not have to worry about specifying different levels of glass tint. Pilkington **Suncool**™ Dynamic adjusts the level of solar control depending on the orientation of the building.

Despite the automatic tinting, this technologically advanced glass enables you to enjoy a clear view to the outside environment throughout the day.



Pilkington **Suncool**™ Dynamic reacts to the heat from direct sunlight, providing more shading as the temperature increases, therefore acting as a dynamic solar control solution with the added benefit of being completely off-the-grid. Since there are no wires or electrical devices the system is durable and maintenance-free.

Pilkington **Suncool**™ Dynamic can help manage a building's changing needs for solar control and natural daylight, help to save energy and contribute to sustainable environment.

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

CE 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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