



## Pilkington **Planar**™ Structural Glazing System

### Pilkington **Suncool**™ Pro T

- High-Performance solar-control toughenable
- Solar-control performance with low emissivity
- UK manufacturing brings shorter lead time and lower embodied CO<sub>2</sub> levels.

#### Product Data:

**Substrates:** Pilkington **Optifloat**™ Clear & Pilkington **Optiwhite**™

**Thickness:** 6 mm, 8 mm, 10 mm & 12 mm<sup>1</sup>

**Availability:** To order – lead time on request

**Products:** Double Glazed Units<sup>4</sup>  
Double Glazed Laminates<sup>4</sup>  
Triple Glazed Units<sup>4</sup>

**Frit on Coated Surface:** No

**Application:** Surface #2

**Size Limitation:** 2400 x 4800 mm<sup>1</sup>

**Maximum Edge Dip:** 0.25 mm

**Maximum Bow:** 0.15%<sup>3</sup>

**Mean Roller Wave Depth<sup>2</sup>:** 6 mm – 0.05 mm  
8 mm – 0.02 mm  
10 mm – 0.02 mm  
12 mm – 0.02 mm

#### Performance Figures

Performance Figures: 10 mm Outer Pane	16 mm Cavity	6 mm Inner Pane	LT	LR	'g'	'U' Value
Pilkington <b>Suncool</b> ™ 70/40 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.68	0.09	0.41	1.4
Pilkington <b>Suncool</b> ™ 66/33 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.64	0.16	0.35	1.3
Pilkington <b>Suncool</b> ™ 50/25 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.48	0.18	0.27	1.3
Pilkington <b>Suncool</b> ™ 70/40 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.73	0.10	0.45	1.4
Pilkington <b>Suncool</b> ™ 66/33 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.69	0.17	0.38	1.3
Pilkington <b>Suncool</b> ™ 50/25 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.51	0.19	0.28	1.3

Performance Figures: 12 mm Outer Pane	16 mm Cavity	6 mm Inner Pane	LT	LR	'g'	'U' Value
Pilkington <b>Suncool</b> ™ 70/40 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.67	0.09	0.40	1.4
Pilkington <b>Suncool</b> ™ 66/33 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.62	0.15	0.34	1.3
Pilkington <b>Suncool</b> ™ 50/25 Pro T	Air	Pilkington <b>Optifloat</b> ™ Clear	0.47	0.18	0.26	1.3
Pilkington <b>Suncool</b> ™ 70/40 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.73	0.10	0.44	1.4
Pilkington <b>Suncool</b> ™ 66/33 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.69	0.17	0.37	1.3
Pilkington <b>Suncool</b> ™ 50/25 OW <sup>5</sup> Pro T	Air	Pilkington <b>Optiwhite</b> ™	0.51	0.19	0.28	1.3

#### Notes:

1. Alternate sizes and combinations possible, please contact Pilkington Architectural for details.
2. Roller wave is usually parallel to the short side and should be glazed horizontally where possible.
3. Refer to particular product specification for maximum bow tolerance on combined glass e.g. laminates etc.
4. The specification of a post-toughenable solar control coating requires that the coating be edge deleted from under the edge seal in order to create a secure and durable hermetic seal. Every effort is made to control the process quality during edge deletion of the coating, however it should be understood that this process can create visible effects at the edge of the unit which can manifest themselves for example as a variation in colour or an apparent metallic sheen running under the edge seal. Such effects are characteristic of the product and do not constitute a reason to reject it.
5. OW - Pilkington **Suncool**™ coating applied to Pilkington **Optiwhite**™.
6. All performance data for Pilkington **Suncool**™ products used in the Pilkington **Planar**™ system are after toughening and heat soak testing.

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.



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)



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