



Clear float glass

Pilkington OptiView™ Protect

Low reflective glass

Pilkington OptiView™



**PILKINGTON**

NSG Group Flat Glass Business

## Pilkington **OptiView™** on-line coated low reflective glass

Pilkington **OptiView™** and Pilkington **OptiView™** Protect are our on-line coated low reflective products.

Pilkington **OptiView™** is a monolithic glass with the low reflective coating on one surface, which reduces visible light reflectance and allows more visible light to pass through, when compared to clear float glass with 8% light reflectance as standard.

Pilkington **OptiView™** Protect is a laminated glass with low reflective coatings on surfaces #1 and #4 (both outer surfaces of the laminated glass), which reduces interior and exterior visible light reflectance to around 2%. As a consequence, views from both inside and out are clear, un-obscured and virtually reflection-free. Pilkington **OptiView™** Protect offers

all the traditional benefits of laminated glass, such as improved safety, enhanced security, durability and acoustic properties. Furthermore, it provides protection from UV radiation (UVA and UVB) by blocking over 99% of UV transmittance, helping to reduce fading of the contents and interiors of a building.

### Applications

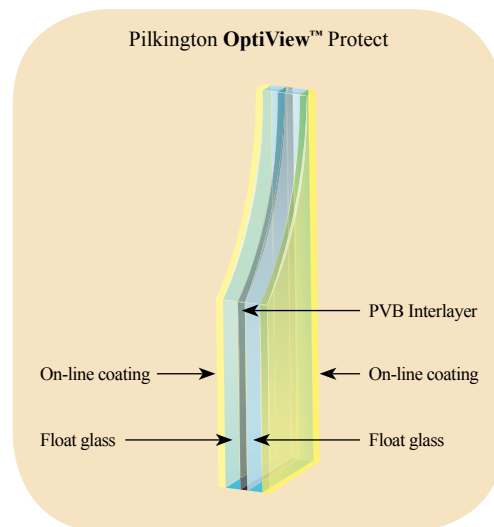
With their large size capability and ability to be processed like ordinary glass, Pilkington **OptiView™** products are ideal for a wide range of traditional and new low reflective applications in which clarity of view is of paramount importance. Examples include display cases, retail shop fronts and show-rooms and a host of other applications such as panoramic restaurants, glass atriums and sports stadiums where, previously, a low reflective product was never an option. Our Pilkington **OptiView™** products can be used to enhance any view, either looking inwards or outwards.

Adding to their unique properties, the products are available in larger sizes and achieve a more neutral colour than any other low reflective glass, providing architects with greater freedom to innovate than before. Pilkington **OptiView™** products are easily processed due to the durability of their coating and when incorporated into Insulating Glass Units, they can be combined with other products from the Pilkington range to provide additional benefits such as solar control or thermal insulation.

### Pilkington **OptiView™** Protect features summary:

- exterior and interior light reflection reduced to around 2%;
- light transmission greater than 90%;
- neutral colour;
- UV transmittance reduced by over 99%;
- superior safety, security and acoustic performance to Class 1(B)1 EN 12600 and EN ISO 12543-2 respectively;
- highly durable, on-line pyrolytic coating which achieves Class A to EN 1096-2;
- achieves ASTM C 1376 standard specification;
- large size capability; up to 3210×5100 mm.

For more information on the Pilkington **OptiView™** range please contact your local sales representative or visit us at [www.pilkington.com](http://www.pilkington.com)



Pilkington **OptiView™** Protect,  
Beijing Museum, China.







Pilkington **OptiView™** Protect,  
Falcon Wharf, London.

## Pilkington **OptiView™** Performance data

Product	Thickness (mm)	Light		Solar Radiant Heat				UV Transmittance
		Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	
Pilkington <b>OptiView™</b>	6	0.91	0.06	0.81	0.06	0.13	0.84	0.58
Pilkington <b>Optifloat™</b> Clear	6	0.88	0.08	0.79	0.07	0.14	0.82	0.53
Pilkington <b>Optilam™</b>	6.8	0.88	0.08	0.73	0.07	0.20	0.78	0.01
Pilkington <b>OptiView™</b> Protect	6.8	0.91	0.02	0.69	0.03	0.28	0.76	0.00
Pilkington <b>Optifloat™</b> Clear	12	0.85	0.08	0.68	0.07	0.25	0.75	0.42
Pilkington <b>Optilam™</b>	12.8	0.85	0.08	0.65	0.06	0.29	0.72	0.01
Pilkington <b>OptiView™</b> Protect	12.8	0.88	0.02	0.62	0.03	0.35	0.71	0.00

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

Pilkington **Optifloat™** Clear and Pilkington **Optilam™** data has been included for comparative purposes only.

This publication provides only a general description of the products. Further, more detailed information may be obtained from your local Pilkington Building Products supplier. 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, code 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 CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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