

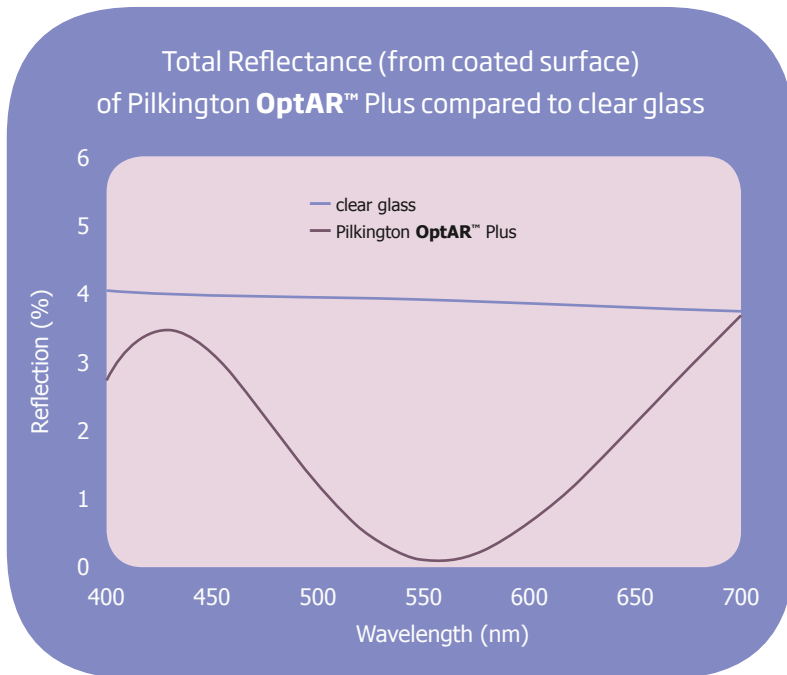


Photo: Virginia Tech

Pilkington New and Enhanced  
High Performance Glass Products  
for Touch Screen Technology

## Pilkington **OptAR™** Plus Anti-reflective coated glass

Pilkington **OptAR™** Plus is a high performance, anti-reflective glass for use as the cover glass of digital displays. It is ideally suited for projected capacitive and other touch screen technologies. This high performance glass reduces reflection to ~0.7% from the coated surface, while providing high light transmittance.



### Available Thickness

- 1.6 mm
- 3.2 mm
- 4 mm
- 6 mm

### Applications

- Digital displays
- Digital signage
- Touch screens

### Benefits

- High light transmission: 94% on 3.2 mm clear glass
- Low reflection ~0.7% from coated surface
- Easy installation and design flexibility
- Tempered or laminated
- Available on low iron glass

### Performance data

Product	Nominal Glass Thickness (mm)	Visible Reflectance (%)	Visible Reflectance Coated Surface (%)	Visible Transmittance (%)
Pilkington <b>Optifloat™</b> Clear	6	8	—	88
Pilkington <b>Optiwhite™</b>	6	8	—	91
Pilkington <b>OptAR™</b> Plus (on clear glass)	1.6	<5	0.7	95
	3.2	<5	0.7	94
	4	<5	0.7	93
	6	<5	0.7	91
Pilkington <b>OptAR™</b> Plus OW (on Pilkington <b>Optiwhite™</b> )	3.2	<5	0.7	95
	6	<5	0.7	94

# The new generation of Pilkington **MirroView™** and Pilkington **MirroView™ 50/50**

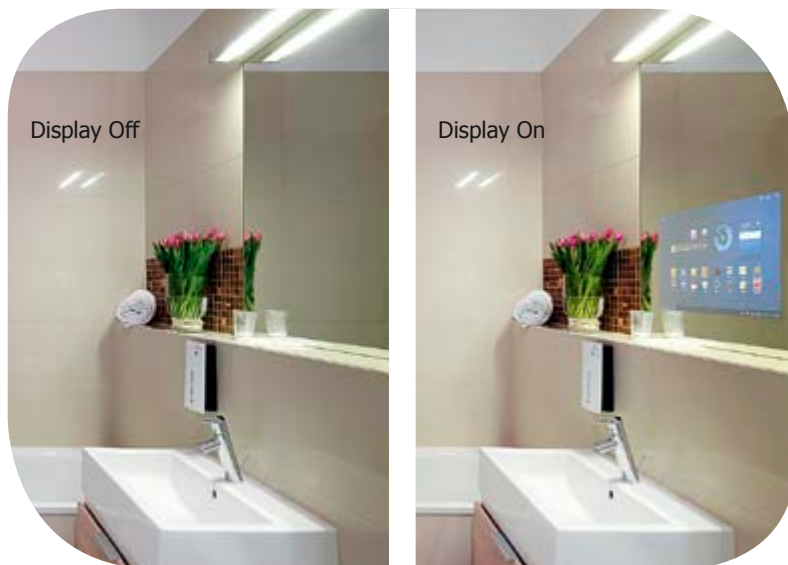
Pilkington **MirroView™** is a highly reflective mirror coating with a clear substrate. Pilkington **MirroView™** gives digital displays and video screens a modern, high-tech look.

Pilkington **MirroView™** is ideal for concealing digital displays and video screens for commercial and residential applications with low ambient light.

Pilkington **MirroView™ 50/50** offers the same qualities as the original product, yet it is designed for use in applications with high ambient light.

When the screen is turned 'off' Pilkington **MirroView™** and Pilkington **MirroView™ 50/50** maintains a mirrored appearance while concealing the screen. When the screen is turned 'on' the screen image shows through.

Pilkington **MirroView™** and Pilkington **MirroView™ 50/50** are highly reflective and available in large stock sizes providing the ability to conceal multiple displays or cut down to a smaller, traditional mirror concealing a smaller screen. It can be easily handled, transported and processed, including tempering and laminating. Due to the durability of the pyrolytic coating, it does not degrade over time, which gives the product a virtually unlimited shelf-life.



## Pyrolytic Coating Advantage

- Durable coating
- Easily handled and transported
- No edge deletion required
- Virtually unlimited shelf-life
- Inventoried locally
- Tempered and laminated

## Benefits

The new generation of Pilkington **MirroView™** and Pilkington **MirroView™ 50/50** have an improved color reflectance that provides a more natural, mirror-like appearance. They also have the capability to work with all touch screen technologies, including projected capacitive, while maintaining a smoother surface for a better touch experience.

## Applications

- Hotel rooms
- Lobbies and salons
- Retail
- Digital signage
- Touch screens
- Bars and restaurants
- Bathrooms
- Smart mirrors

## Available Thickness

- 3.2 mm
- 4 mm
- 6 mm

## Performance data

Product	Nominal glass thickness (mm)	Glass substrate	Visible transmittance (%)	Visible reflectance coated side (%)	Visible reflectance glass side (%)	Proper glazing
Pilkington <b>MirroView™</b>	3.2	Clear	25	65	61	Mirror coating toward viewer-side
	4	Clear	25	65	60	
	6	Clear	25	65	59	
Pilkington <b>MirroView™ 50/50</b>	3.2	Clear	36	53	51	
	6	Clear	35	53	48	

Technical performance according to EN 410.

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, "OptAR", "Optifloat", "Optiwhite" and "MirroView" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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)



**Pilkington Group Limited**  
European Technical Centre  
Hall Lane – Lathom Nr Ormskirk L40 5UF – United Kingdom  
[marketing.communications@nsg.com](mailto:marketing.communications@nsg.com)  
**[www.pilkington.com](http://www.pilkington.com)**

September 2018