

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

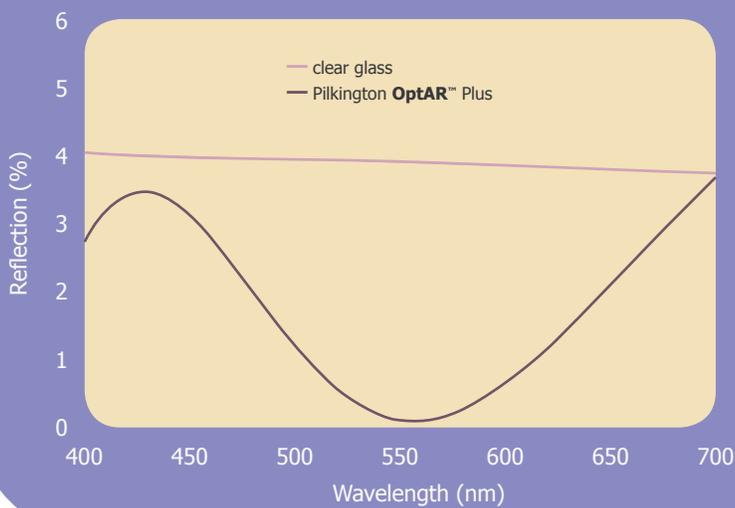


Pilkington **OptAR™** Plus Anti-reflective coated glass

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.



**Total Reflectance (from coated surface)
of Pilkington **OptAR™** Plus compared to clear glass**



Available Thickness

- 1/16" (1.6 mm)
- 1/8" (3.2 mm)
- 1/6" (4.0 mm)
- 1/4" (6.0 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
- Large sizes available: 130" × 204"
- Easy installation and design flexibility
- Tempered or laminated
- Available on low iron glass

Performance Data

Product	Nominal Glass Thickness		Visible Reflectance (%)	Visible Reflectance Coated Surface (%)	Visible Transmittance (%)
	in.	mm			
Pilkington Optifloat™ Clear	1/4	6.0	8	—	88
Pilkington Optiwhite™	1/4	6.0	8	—	91
Pilkington OptAR™ Plus (on clear glass)	1/16	1.6	<5	0.7	95
	1/8	3.2	<5	0.7	94
	1/6	4.0	<5	0.7	93
	1/4	6.0	<5	0.7	91
Pilkington OptAR™ Plus OW (on Pilkington Optiwhite™)	1/8	3.2	<5	0.7	95
	1/4	6.0	<5	0.7	94

Generation 2 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

Performance Data

Product	Nominal Glass Thickness		Visible Transmittance (%)	Visible Reflectance Coated Side (%)	Visible Reflectance Glass Side (%)
	in.	mm			
Generation 2 Pilkington MirroView™	1/8	3.2	24	66	58
	1/4	6.0	22	66	57
Generation 2 Pilkington MirroView™ 50/50	1/8	3.2	39	50	47
	1/4	6.0	37	50	46

Generation 2 Benefits

Generation 2 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

- 1/8" (3.2 mm)
- 1/6" (4.0 mm)
- 1/4" (6.0 mm)



This publication provides only a general description of the product. 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 this product 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.



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