



Pilkington **Mirropane™**

One-way mirror

Pilkington **Mirropane™** technical performance

Glass	Colour/ glass substrate	Light transmittance (%)	Light reflectance glass side (%)	Light reflectance coated side (%)	Illumination ratio	Recommended orientation
Pilkington Mirropane™ 6 mm	grey	11	17	70	8:1	mirror coating on subject's-side

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

Pilkington **Mirropane™** is an on-line coated glass developed for use as a one-way mirror where total clear vision is required and specific lighting conditions can be achieved. Under specified lighting conditions it offers an effective means of providing undetected surveillance and high quality one-way vision to achieve complete privacy.

In order to maintain privacy in the observing area, the ratio of illumination levels between public and private side, or observed and observing side, must be at least 8:1. It is also advisable, if absolute privacy is essential to have dark furnishings, to wear dark clothing in the area from which observation is taken place, and to ensure the lights on the observed side are not directed at the glass.

Pilkington **Mirropane™** is the ideal choice for supermarkets, computer rooms, banks or cash offices where areas need to be kept under observation or hidden from public scrutiny. It is also appropriate for patient monitoring in hospitals or residential care establishments. Pilkington **Mirropane™** is available in 6 mm annealed form.

Pilkington **Mirropane™** is normally only used for internal applications. In such cases, since neither side of the mirror will be exposed to the weather, glazing materials such as adhesive cotton based strips, plastics or rubber channels can be used in a suitable frame. For optimal one way vision performance, the glass should be installed with the coating on the subject's side. In such situations glass on the subject's side appears like a normal mirror and helps to hide the fact that the glass is used for surveillance purposes.

If you would like to use Pilkington **Mirropane™** in external applications, please contact your local NSG Group representative.

Features and benefits

- Allows privacy with clear vision into observed space.
- High reflectivity and light transmission, in the controlled lightning conditions it may look like a typical mirror.
- Ideal choice for hospitals, police stations and residential care establishments.
- Mostly used for indoor glazing.
- Durable, pyrolytic coating that can be easily handled and processed: toughened, laminated, bent etc.



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 "Mirropane" 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 Declaration of Performance for each product, including declared values, can be found at www.pilkington.com/CE



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