



Pilkington Mirropane™

Product Description

Manufactured by Pilkington, Mirropane™ is a coated grey glass substrate designed for use as a one-way mirror. It provides the ability for undetected observation or security surveillance. To maintain privacy of the observing area, the ratio of illumination between the observed and observing side, must be at least 8:1. With proper lighting, the glass looks like a mirror on the side being observed while offering a clear vision area observing.

Features & Benefits

- One-way vision glass creates an opaque mirror-like visual barrier between subjects while allowing observers to see through the glass.
- The pyrolytic coating, or hard coating, is applied during the manufacturing process resulting in an extremely durable and stable coating.
- High-reflectivity under controlled lighting conditions allows for Mirropane to look like typical mirror.

Resources

CSI 3-Part Specifications available on GGI website, RIB (BSD SpecLink), and ARCAT.com. Contact sales representative to discuss custom fabrication capabilities.



Applications

- Airport security
- Banks
- Childcare facilities
- Computer rooms
- Correctional institutions
- Government buildings
- Observing focus groups
- Patient monitoring
- Retail stores
- Schools
- Workplace monitoring

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Product Information

General Characteristics

Glass Thickness	1/4"
Sheet size	96" x 130"
Applications	Interior applications
Cut to size	Yes
Insulating	Yes - coating should face the cavity
Tempering	Yes
Laminating	Yes

Installation

Install Mirrorpane with the reflective surface facing the subject side.

Glazing materials such as adhesive cotton based strips, plastics or rubber channels can be used in a suitable frame.

Cleaning

Use standard glass cleaners or mild detergents. Do not use abrasive, opaque liquid cleaners, razor blades or acid-based cleaners.

PERFORMANCE DATA

Product	Thickness		Glass Substrate	Visible Transmittance %	Reflectance Coated Side (%)	Visible Reflectance Glass Side (%)	Recommended Light Ratio	Proper Glazing
	in.	mm						
Pilkington Mirrorpane™	1/4	6	Grey	11	68	16	8:1 Subject-side: Observer-side	Mirror coating toward subject-side

1. Typical values of Pilkington production are provided
 2. Visible data is based on laboratory spectrophotometric measurements weighted by the factors in WS_NFRC_2003.STD in LBNL Window 5.2 software

Contact us to learn more.

800-431-2042 | sales@generalglass.com | www.generalglass.com

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