

Pilkington Mirropane™ Grey Glass

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.

Performance Data

Nominal Glass Thickness	Glass Substrate	Visible ² Transmittance %	Visible ² Reflectance Coated Side %	Visible ² Reflectance Glass Side %	Recommended Light Ratio	Proper Glazing
1/4"	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

Design Considerations

- Subject side lighting should be bright and evenly distributed, but not shining directly onto the one-way mirror.
- Observer side lighting should be dim and not shining directly onto the glass.
- Subject side should be decorated in light colors that create shadows, while the observer side should be dark colors, non-reflective and uniform.
- On the observer-side keep people, objects and light sources at a distance of one foot or more from the mirror area.

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.

Warranty

No claims for defective product will be allowed unless all the above procedures are followed in full.

