# Pilkington **Reflite**™ Vista

## Reflection with Intention

In modern architecture, the appearance of glass is only part of its job. The glazing must also perform at every hour. Pilkington **Reflite**™ Vista is designed with both sides of the building in mind, pairing Solar Control performance with a bold reflective exterior and a more balanced interior viewing experience.

## Enhanced Daytime Privacy

Pilkington **Reflite**™ Vista is engineered to optimize exterior reflectance. At the core of its design is a durable reflective coating on surface #1, creating a uniform, mirror-like appearance across the facade that allows the glass substrate tint to show through.

The enhanced reflectivity also serves a practical purpose. During daylight hours, the reflective surface helps to obscure occupants and interior spaces from outside view. This added degree of visual privacy can be especially useful where discretion is desired.

As with any reflective glazing, the level of privacy will vary depending on the balance of light inside and outside the building.

## Reduced Interior Glare

The surface #1 coating also makes an impact from the interior. Conventional reflective glass products often place the coating on surface #2. While this creates exterior reflectance, it can also produce noticeable reflections on the room-side of the glass.

Pilkington **Reflite**™ Vista significantly reduces interior reflectance compared to these traditional coatings, allowing occupants to see fewer distracting reflections and less glare, particularly when surrounding light levels are low.

## Applications

Ideal for large-scale facades across a range of industries, including:

- Institutional and government buildings
- Schools and educational facilities
- Office and residential buildings
- Healthcare and scientific centers
- Airports and transportation hubs
- Hotels and hospitality developments

**Features and Benefits**

- Coating on surface #1
- High exterior and low interior reflectance
- Provides enhanced privacy
- Low solar heat gain can result in energy cost savings
- Durable pyrolytic coating
- Easy to temper, heat-treat, bend and laminate

**Available Thickness**

- 6 mm (1/4")

**Available Substrates**

- Grey

Visualization of Pilkington **Reflite**™ Vista Grey

| | Visible Light (%) | | | Solar Energy (%) | | | U-Factor (Btu/hr•ft²•°F) | | | | Solar Heat Gain Coefficient | Shading Coefficient |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Transmittance | Reflectance | | Transmittance | Reflectance | UV Transmittance | Summer | | Winter | | | |
| | | Outside | Inside | | | | Air | Argon | Air | Argon | | |
| Pilkington **Reflite™** Vista Grey | 23 | 41 | 13 | 28 | 29 | 4 | 0.93 | | 1.03 | | 0.41 | 0.47 |
| Pilkington **Reflite™** Vista (coating on #1 surface) outer lite and Pilkington **Optifloat™** Clear inner lite | | | | | | | | | | | | |
| Pilkington **Reflite™** Vista Grey / Pilkington **Optifloat™** Clear | 21 | 42 | 18 | 22 | 29 | 4 | 0.50 | 0.48 | 0.47 | 0.45 | 0.32 | 0.36 |
| Pilkington **Reflite™** Vista (coating on #1 surface) outer lite and low-e (coating on #3 surface) inner lite | | | | | | | | | | | | |
| Pilkington **Reflite™** Vista Grey / Pilkington **Energy Advantage™** | 19 | 42 | 19 | 17 | 30 | 3 | 0.33 | 0.28 | 0.33 | 0.29 | 0.27 | 0.32 |
| Pilkington **Reflite™** Vista Grey / Pilkington **Optitherm™** S3 | 21 | 41 | 15 | 15 | 32 | 2 | 0.27 | 0.22 | 0.29 | 0.25 | 0.22 | 0.25 |

An insulating unit consists of two lites of 1/4" (6mm) glass and a 1/2" (12.7mm) spacer width.
U-Factor (Btu/hr•ft²•°F) is based on NFRC/ASTM standards. All performance values are center-of-glass values calculated using the LBNL Window 7.7 program.

Visualization of Pilkington **Reflite™** Vista Grey

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, "Reflite" is a trademark owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.

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