

INSULATING GLASS ORIENTATION GUIDELINES

Glass surfaces are numbered starting from the exterior of the building (#1 Surface).

Uncoated Tinted Glass is normally the outboard lite.

Coated Reflective Glass is normally the outboard lite.

- PPG Solarcool Reflective Glass is normally the outboard lite. The reflective coating can be oriented to #1 or #2 Surface.
- Pilkington Energy Advantage Reflective/Low-E Glass is normally the outboard lite with the coating oriented to the #2 Surface.
- Guardian High Performance Coated products (i.e. AG43) are normally the outboard lite with the coating oriented to the #2 Surface.

In commercial applications, the Low-E glass may be the outboard or inboard lite.

- For high light transmission, high solar control, and a clear appearance, a solar control Low-E glass like Guardian SN68 is usually the outboard lite with the coating oriented to the #2 Surface.
- For applications where a color is desired, not all tinted substrates have Low-E coatings. An uncoated tinted lite maybe the outboard lite, and a clear Low-E glass may be the inboard lite, with the coating oriented to the #3 Surface.
- In residential applications in a heating dominated climate, like the Northern US, the Low-E glass is usually the inboard lite with Low-E coating on the #3 Surface.