

Haze in Glass Products

A minimal amount of haze is inherent in insulating glass units (IGU) utilizing LoE™ coated glass products and is not a defect. Haze occurs because tiny amounts of light are scattered from the glass and coatings causing a small amount of glare (Fig. 01).

Haze can look like a fine film on the glass that cannot be removed. It is typically seen when looking at or through glass at high angles with bright exterior sunlight. These conditions for observing haze will be temporary and may happen at different times during the day and throughout the year.

The amount of haze seen in an IGU may increase with the following factors:

- Using a more complex LoE coating to further improve energy savings.
- Using multiple LoE coatings for triple pane configurations.
- Heat strengthening or tempering glass to meet safety requirements.
- Including laminated glass for increased protection.

Haze only affects the appearance of an insulating glass unit, not the performance.

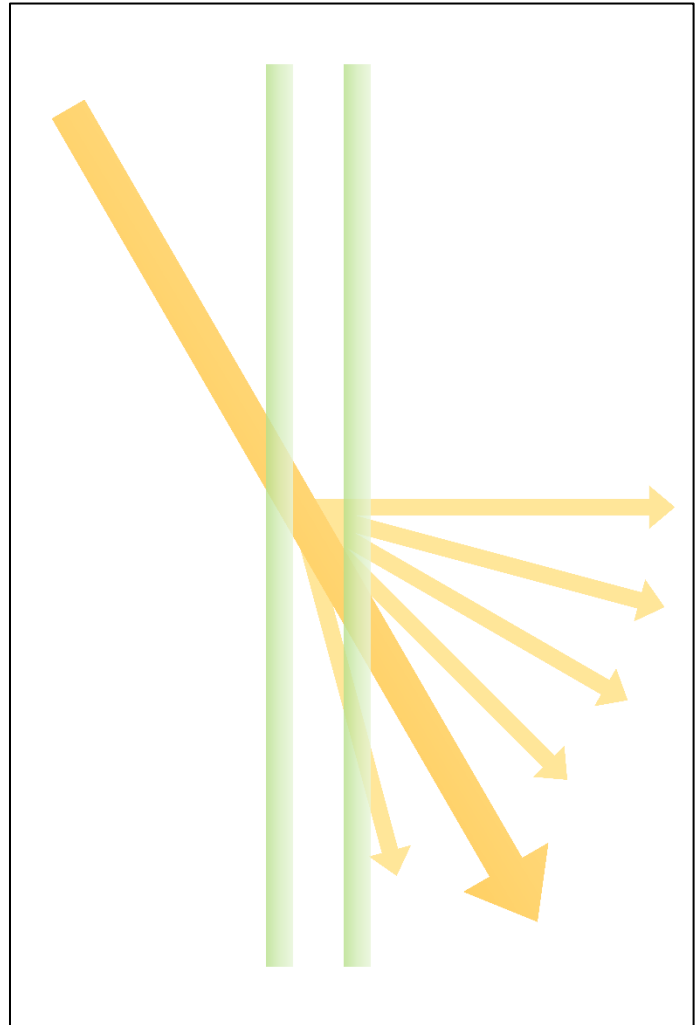


Fig 01: Depiction of light scattering causing haze

The information in this Technical Service Bulletin is subject to the disclaimers and other limitations appearing in the TERMS AND CONDITIONS OF SALES that accompanies this Bulletin and at www.cardinalcorp.com.

©Copyright 2023 Cardinal CG Company