

Insulating Glass General Comments

IG 001—2015-05-24

Insulating Glass Units: Insulating units exceeding a 10:1 ratio require factory approval.

Minimum Unit Dimensions: 15" diagonal (4" minimum dimension).

Spacers: Mill finish and clear anodized aluminum spacers are standard unless otherwise specified. Selected colors and warm edge spacers are available at additional charge.

Muntins: Standard dimensions are 3/16" x 5/8". Stocked colors include white & bronze. Not available at all locations. Call for availability.

Argon: Available at some locations, upon request, at an additional charge.

Sealant: Dual Seal is standard with a primary seal of poly isobutylene and a secondary seal of silicone. Note that some locations use as polysulfide secondary seal.

Tolerances:

Sightline: 1/2" +/- 1/8"

Overall thickness: +/- 1/16"

Dimensional (width, height): +/- 1/8"

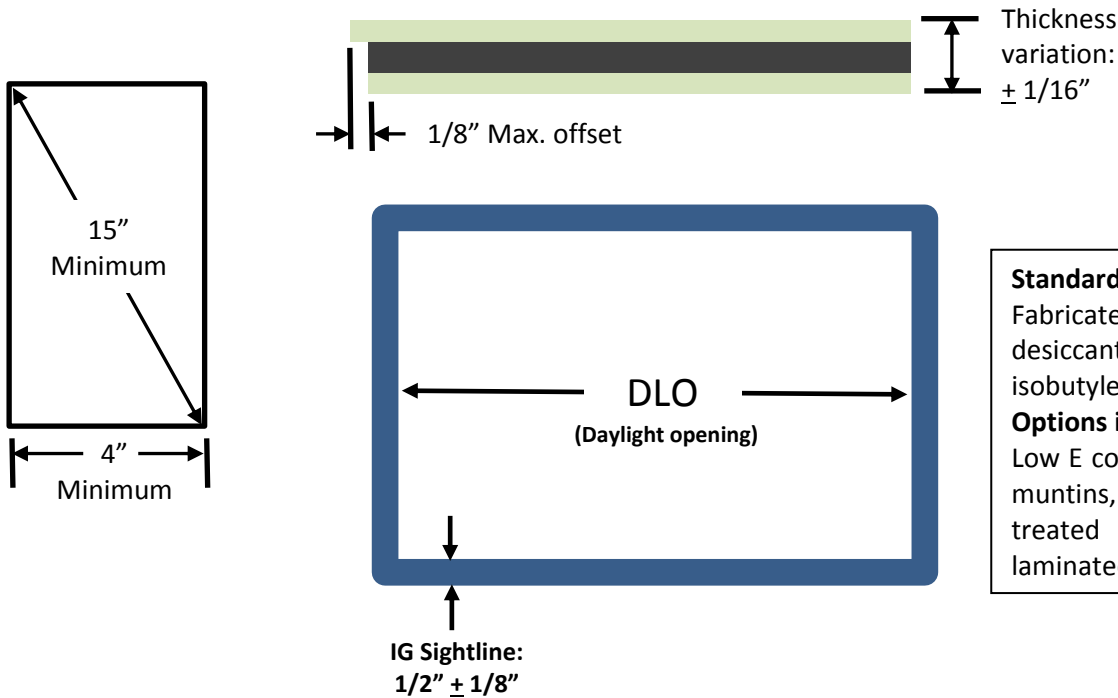
Structural support: Insulating glass units need mullion support on all edges of the glass (No one-side, two-side, or three-side support). In compliance with ASTM E1300, mullion deflection on any edge shall not exceed 1/175 of the length of the glass being supported (L/175).

Structural Silicone Glazing (SSG): Silicone structural glazing is allowed for IG units under the following conditions:

1. Notification of SSG is required with the bid request and order.
2. There must be mullion support behind each glass edge (Note: butt-glazing of IG units, where there is no mullion support, is not allowed.)
3. The secondary seal of the IG unit must be silicone.
4. The edge seal must be evaluated for strength to resist windload load. Extra silicone for the edge seal will be added to meet the applied load. Additional charges apply.
5. Edge working beyond normal seaming for exposed glass edges is available at an additional charge.

Warranties: Trulite Glass & Aluminum Solutions, LLC, has no system design or application responsibility to Buyer or any third party. Review of all system designs and applications subject to thermal stress considerations is the responsibility of the buyer. A complete current copy of Trulite's limited Insulating Glass warranty is available on our website (www.trulite.com).

Trulite Limitations and Tolerances



Standard IG unit by Trulite:

Fabricated with annealed glass, mill finish spacer, 3Å desiccant, and a dual seal sealant system of poly isobutylene (PIB) and Silicone.

Options include:

Low E coatings, tinted glass, argon fill, laminated glass, muntins, spandrel coatings (frit and silicone), heat-treated glass, decorative glass (frit patterns or laminated), colored spacer, warm edge spacer