



**Maryland Glass
& Mirror Company**

SINCE 1912, EXPERIENCE IN GLASS FOR EVERY USE

Insulated Glass Data Sheet

Insulated Glass for Residential and Commercial Applications

A Maryland Glass & Mirror Co. Insulated Glass Unit consists of two or more lites of glass being separated by a high-quality spacer and air space which has been sealed by an organic compound and kept continually dehydrated by a specially formulated drying agent inside the spacer.

Characteristics

- Reduced heating and cooling costs by reducing air-to-air heat transfer
- Reduces condensation
- Reduces sound transmission
- Increases personal comfort and aids in energy conservation
- Increases strength for higher wind load requirements

Applications

- Windows and Doors
- Commercial Storefronts and Glazing
- Refrigeration Units
- Skylights

Capabilities and Availability

- Single Seal
- Dual Seal
- Dual Seal Silicone-Structural Glazing Applications
- Low-Conductance Spacers available
- Argon Gas-Filled Units
- Various spacer colors and thicknesses
- Fabricate Various Angles, Shapes and Patterns
- Double Glazing (two lite) and Triple Glazing (three lite)
- Fabricate units consisting of various combinations of glass types such as: clear, tinted, reflective, coated, low-e, etc., in various glass forms including: annealed, heat strengthened, tempered, laminated and spandrel
- Standard overall insulated unit thicknesses can vary from 3/8" to over 1" using various glass and spacer thicknesses.
- Various spacer construction types are available including bent corners, corner key construction and warm edge seals.
- Available with internal muntins for simulated divided lite appearance.