

# glass fabricators inc.

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## TECHNICAL DATA Insulated Glass Units

**Insulated Glass Units are manufactured by Glass Fabricators, Inc., in Grimes, Iowa. Insulated Glass Units consist of two or more lites of glass separated by a metal spacer, filled with dessicant, and hermetically sealed with polyisobutylene as the primary sealant, and polysulphide or silicone as the secondary sealant.**

**Insulated Glass Units are routinely tested by an independent laboratory to the ASTM 2188/9. Units manufactured by Glass Fabricators, Inc. have consistently performed to the CBA level, which is the highest level attainable in the 2188/9 test method.**

**Units are commonly fabricated from single strength, double strength, 3/16" and 1/4" float glass but can also be made from varying combinations of reflective glass, low emissivity glass, heat absorbing, patterned, tempered or laminated glass. Various tints are available for fabrication.**

**Air space between the lites can range from 3/16" to 3/4", governed by type and size of glass, and design criteria.**

### Glass Fabricators, Inc. Insulated Glass Units features

**Spacer: laser welded aluminum tubing**

**Corners: butyl sealed corner keys**

**Dessicant: low deflection molecular sieve/silica gel blend which adsorbs moisture in the entrapped air space**

**Seal: primary seal – polyisobutylene  
secondary seal – polysulphide or silicone as specified**