



SeriousGlass Glazing Instructions

Important Note:

Failure to follow these instructions (some of which are unique to SeriousGlass insulating glass) will void Serious Materials, Inc. SeriousGlass warranty and cause the unit to fail.

SeriousGlass units must be handled, stored and installed in strict accordance with approved insulating glass procedures as detailed in the **GANA Glazing Manual**.

1. Breather Tube Instructions:

Some SeriousGlass units are equipped with pressure equalizing breather tubes. **DO NOT twist or pull this tube out of the unit.** The breather tube must be completely closed upon arrival after allowing one hour per square foot to enable pressure equalization by crimping twice with pliers within 1" of the outer end of the tube. Units should be installed with the breather tube in an upper corner position, pointing downward and tucked behind the glazing stop.

2. "Butt" Glazing:

(a) Standard SeriousGlass units cannot be "butt" (structurally) glazed. The (polyurethane) edge sealant must **not** be exposed to sunlight, even during storage. The glass unit edge, spacers and sealant must be completely covered by the framing system (9/16" minimum sightline coverage), (b) Silicone dual-seal SeriousGlass units suitable for butt (structural) glazing are available; however, Serious Materials, Inc. **MUST** be notified at the quote or order stage.

3. Glazing Materials:

All glazing materials must be compatible with **PRC 4429 Polyurethane** sealant. Contact Serious Materials, Inc. for a list of compatible glazing materials. It is the glazer/installer's responsibility to verify framing system design compliance and glazing material compatibility prior to installation.

4. Exterior Glazing:

The exterior side of each SeriousGlass unit is clearly marked, and must be glazed accordingly to maintain warranty coverage.

5. Storage Requirements:

SeriousGlass insulating glass units should be installed promptly. If required, storage facilities must be at moderate temperature, dry, and covered. Breather tubes must be closed upon arrival after allowing one hour per square foot to enable pressure equalization. Units must be covered or shielded from sunlight exposure.

General Glazing Instructions:

1. Glazing Materials: Neoprene gaskets or non-hardening, non-corrosive glazing tapes or sealants must be applied in such manner as to effect and maintain a water tight, weatherproof seal for a period of time equal to Serious Materials, Inc. SeriousGlass warranty term. All glazing materials must be compatible with polyurethane.

2. Setting Blocks: Neoprene or silicone setting blocks must be placed at unit "quarter points" and equally support insulating glass unit inner and outer lites. Setting blocks should be 4" to 6" long as indicated in the GANA Glazing Manual.

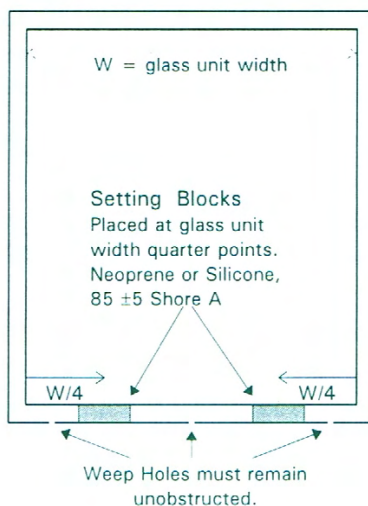
3. Edge Clearance: Unit must be centered in the opening so that minimum spacing (1/4") exists between edge of glass and frame (1/8" on small units). **No wood or metal** shall contact the glass at any point in the frame. Face and edge clearances shall comply with GANA Glazing Manual.

4. Weep (Condensate) System: Insulating glass units must not be exposed to moisture accumulation or high humidity dew points. The glazing system design and installation must provide a positive weather seal and unobstructed weep and drainage.

5. Sightline Coverage (Bite): Frame and gasket materials must provide at least 9/16" sightline coverage (bite). Insulating glass sealants and spacers must be completely covered by the framing system.

6. Framing: Openings must be square, in plane, and free of obstructions. Sash and frames must be structurally adequate to support weight of unit and prevent twisting stresses. Frame deflection must not exceed $L/175$ or less, depending upon size (AAMA).

Setting Block & Weep Hole Locations



Typical Glazing Detail

