
SPECIFICATIONS BULLET RESISTANT INTERIOR FIXED ALUMINUM WINDOW USAW300



Single Lite



Transaction

1. **Quality Assurance:** Drawings and specifications are based on U.S. Bullet Proofing Model USAW300 ballistic window system. Whenever substitute products are to be considered, supporting technical literature, samples, drawings, and performance data must be submitted ten days prior to bid to make a valid comparison of products involved. Test reports by an independent test laboratory will be made available upon request.

2. **Materials:** All aluminum extrusion shall be 6063-T6 alloy and temper or equal or with a minimum tensile strength (minimum 22.0 ksi ultimate, 16.0 ksi yield).

All fasteners shall be zinc coated. The interior glazing gaskets shall be a composition of Thermoplastic Elastomer (TPE 65AB) and Polyolefin Foam Concentrate. (Resulting in a 55 to 65 Shore "A" durometer). Setting blocks shall be solid neoprene (80-90 shore "a" durometer).

All neoprene shall be in strict compliance with ASTM C-509-00 Type II Option 1 and C-864-99.

3. **Description:** The USAW300 Window System is designed to accept ballistic glazing materials that are to be UL 752 Level 1 – 8.

All joints and connections shall be tight providing hairline joints and true alignment of adjacent members.

Frame size shall be 1-1/2" x 4-1/8" standard.

Glazing or retrofit re-glazing can be performed from the interior.

The glazing system can be capable of accepting various thickness, ranging from 1/4" to 2-3/8".

4. **Ballistic Certification:** All aluminum members shall be ballistically improved to provide complete protection against penetration of a projectile as described by the UL 752 bullet-resisting test requirements from Level 1 through Level 8. A recognized independent testing laboratory shall conduct ballistic testing. Proof of certification will be made available upon request.

5. **Finish:** Available in most anodized and Kynar painted finishes. Please specify finish desired.