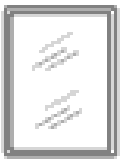
DOS 15 Minute FE/BR
Bullet/Blast/Forced Resistant Fixed Thermally Broken Aluminum Window

1. **Quality assurance Drawings** and specifications are based on U.S. Bullet Proofing Model USAW800 ballistic/blast/forced thermally broken 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 in order 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 6063T6 alloy and temper or equal or with a tensile yield strength 31.0 ksi, ultimate tensile strength 35.0 ksi.

   All fasteners shall be zinc coated. There shall be no exposed fasteners. 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.



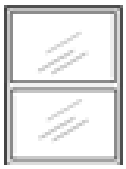
Single Lite

3. **Description The** USAW800 Window System is designed to accept ballistic/blast/ forced entry glazing materials that are to be UL 752 Level 8 or DOS.

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

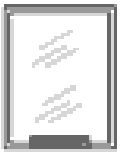
   Frame size shall be 2-1/2"" x 6" standard.

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



Multi Lite

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



Transaction

5. **Blast certification Unit** shall be blast approved in accordance with DOS blast criteria by an independent blast testing facility. Proof of certification will be made available upon request. In some cases, independent blast analysis must be performed prior to window approval.

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

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