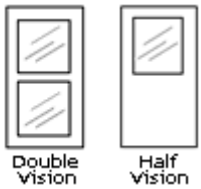
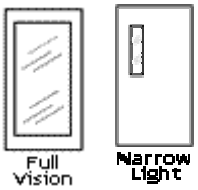
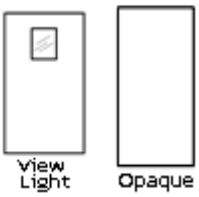
Model USSD4000

Forced Entry/Bullet/Blast Resistant Steel Door

Specifications







1. **Quality assurance** Drawings and specifications are based on U.S. Bullet Proofing Model USSD4000 ballistically improved steel door 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** steel members shall be Minimum A36 material.

   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.

3. **Description** The USSD4000 door comes completely assembled. All joints and connections shall be tight providing hairline joints and true alignment of adjacent members.

   Frame size shall be 2" x 5" standard.
   HM Frame size be 2" x 5-3/4" standard.

   Glazing or retrofit reglazing shall be performed from the interior, providing minimal disturbance of the occupants. The glazing system can be capable of accepting various thicknesses, ranging from ¼" to 2 3/8".

   All fasteners shall be concealed. Screw applied framing with exposed fasteners is not acceptable for retention of glazing.

4. **Ballistic certification** Steel doors shall be ballistically improved so as to provide complete protection against penetration of projectiles as described by UL752 Standards. A recognized independent testing laboratory shall conduct ballistic testing. Proof of certification will be made available upon request.

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

6. **Forced entry certification** Steel doors shall be tested for forced entry resistance in accordance with ASTM F1233 and ASTM F476.

7. **Finish** Standard finish is prime paint. Available in most painted finishes and claddings. Please specify finish desired.

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