

DATA SHEET

ALUMINUM DOOR

USAD 1000-15R FEBR



DOUBLE VISION



FULL VISION



HALF VISION



OPAQUE

- The USAD 1000-15R Door Series is a heavy-duty operable high security aluminum door designed for the Department of State.
- The extrusions allow for the insertion of armor consistent with specified threat level.
- Frame size: 3"W x 5"D.
- Door size: 3' x 7' with custom sizes available.
- Door thickness: 2-1/2".
- Door swing weight: 400LBS depending on hardware. Weight with frame not to exceed 550LBS.
- Glazing Thickness: 1-1/2".
- Glass components are easily replaceable.
- Standard finish: Clear or bronze anodized (custom Kynar paint, brass cladding, stainless steel cladding available).

PROTECTION, TESTING & STANDARDS

- **Ballistics:** UL 752 Levels 1 – 8 with steel inserts.
- **Blast:** Calculations to be provided per GSA / ISC criteria and UFC.
- All Aluminum members shall be ballistically improved so as to provide complete protection against penetration of a projectile and forced entry as described by DOS SD-STD-01.01 REV G AMENDED. A recognized independent testing laboratory shall conduct FE/BR testing. Proof of certification will be made available upon request.
- Unit shall be blast approved in accordance with GSA or DOD 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 door approval.

PRODUCT SPECIFICATION INFORMATION

- Aluminum extrusions to be 6063-T5 alloy and temper or equal with a minimum tensile strength (min 22 ksi ultimate, 16 ksi yield).
- All fasteners are zinc coated or stainless steel and will not be exposed.
- The interior glazing gaskets shall be a composition of EPDM (Resulting in a 65 to 73 Shore "A" durometer).
- Set blocks are solid neoprene (80-90 Shore "A" durometer) and in strict compliance with ASTM C-509-00 Type II Option 1 and C-864-99.

OTHER IMPORTANT INFORMATION

- Shipped factory assembled, non-factory glazed.

It is recommended that the window system be used in conjunction with protected wall and door areas. Each end user should determine the blast, ballistic and forced entry threat level to ensure the correct product selection to meet and exceed security needs.