

DATA SHEET ALUMINUM

DOUBLE DOORS
USAD 1000 SERIES



DOUBLE VISION



FULL VISION



HALF VISION



OPAQUE

- The USAD 1000 Door Series is constructed of heavy-duty aluminum extrusion and 1/8" minimum wall thickness and designed as a full-flush type unit. The extrusions allow for the insertion of armor consistent with specified threat level. The door framing is constructed from extruded aluminum with ballistic inserts. Transparent and opaque panels are interchangeable to provide necessary design flexibility. Complimentary window construction allows for aesthetically uniform security application that is available in many style and finish options.
- Standard door hardware: Heavy-duty hinge, deadbolt lockset with cylinder, LCN closer and push/pull handles. Optional hardware is available; please consult factory for further information.
- Style options: Full-lite, double lite, half-lite, opaque, sidelites, transoms, man-trap configuration.
- Single Door Size: 3' x 7' with custom sizes available
- Door Thickness: 2-3/4"
- Glazing Thickness: 1" to 2-1/8"
- Stiles: Monumental (5-5/16") or narrow (3") available. Monumental stile will accept a wide range of hardware in commercial mortise locksets and rim-mounted exit devices.
- FEMA 361-361-21 / ICC-500-30
- Standard finish: Clear or bronze anodized (custom kynar paint, brass cladding, stainless steel cladding available)

PROTECTION, TESTING & STANDARDS

- **Ballistics:** UL 752 Levels 1-8, NIJ I, II-A, III-A, III.
- **Blast:** Calculations to be provided per GSA / ISC and UFC criteria.
- **Storm Impact:** FEMA 361-21 & ICC500-30.

PRODUCT SPECIFICATION INFORMATION

- Aluminum extrusions to be 6063-T6 (door framing) and 6063-T5 alloy (door leaf) and temper or equal with a minimum tensile strength (min 22 ksi ultimate, 16 ksi yield).
- All fasteners are zinc coated and will not be exposed.
- Interior glazing gaskets comprised of Thermoplastic Elastomer (TPE 65AB) and

Polyolefin Foam Concentrate (resulting in 55 to 65 Shore "A" durometer) or wet glazed as needed.

It is recommended that the door be used in conjunction with protected wall and window areas.

Each end user should determine the ballistic and forced entry threat to ensure the correct product selection to meet and exceed security needs.

Specifications are available upon request.