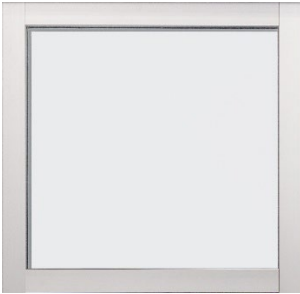


DATA SHEET

BULLET / BLAST / STORM IMPACT FIXED ALUMINUM WINDOW

USAW 400



- The USAW 400 Window Series is a high security aluminum window framing system which consists of heavy-duty aluminum extrusion to provide protection from ballistics, blast, storm impact and forced entry. Complimentary door construction allows for aesthetically uniform security applications that are available in many styles and finish options. Can be designed to provide integral mullion with door frames to provide low-profile, architecturally pleasing appearance. The system includes a thermally enhanced design, with a 1" thermally broken system also available, to allow improved energy conservation. The extrusions allow for the insertion of armor consistent with specified threat level.
- The USAW 400 is available as a:
 - Curtain wall system
 - Storefront system
 - Single lite or multi lite
 - Transaction window
- Frame size: 2-1/2" x 7-1/8" (non-insulated glass) or 2-1/2" x 6-1/4" (non-insulated).
- Minimum Wall Thickness: 1/8".
- Glazing Size Compatibilities: 1" to 2-1/8".
- Glass components are easily replaceable.
- Standard finish: Clear or Dark Bronze Anodized (Custom Kynar Paint, Brass Cladding, Stainless Steel Cladding available).

PROTECTION, TESTING & STANDARDS

- **Ballistics:** UL 752 levels 1 – 3 protection is an all-aluminum system, with levels 4 - 8 requiring steel inserts.
- **Blast:** Calculations provided per UFC / ISC and UFC criteria.
- **Storm Impact:** FEMA-361-21 / ICC-500-2020.

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 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.

- Setting 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. Thermal barrier design allows for insulating against temperature changes in extreme weather conditions.

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.