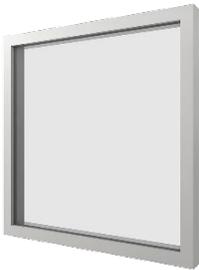


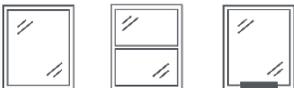
## DATA SHEET

# BALLISTIC / BLAST ALUMINUM STOREFRONT WINDOW SYSTEM

## USAW 400



SINGLE LITE    MULTI-LITE    TRANSACTION



- The USAW 400 Window Series is a high security aluminum storefront 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. Designed to provide single integral mullion with door frames to provide low-profile, architecturally pleasing appearance. The extrusions allow for the insertion of armor consistent to protect from the specified threat level.
- The USAW 400 is ideal for:
  - Storefront systems up to 10' in height.
  - Punched windows.
  - Single lite or multi lite.
  - Transaction windows.
- Frame size: 2-1/2" x 4-1/2".
- Glazing Size Compatibilities: 1" to 2-1/8".
- Minimum Wall Thickness: 1/8".
- Glass components are easily replaceable.
- Standard finish: Clear or Dark Bronze Anodized (Custom Kynar Paint, Brass Cladding, Stainless Steel Cladding available) and 14 types of natural wood finish paint.

### 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.

### 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.
- 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.*