U.S. BULLET PROOFING

PROTECTING PEOPLE & PROPERTY

BALLISTIC, BLAST, STORM IMPACT
& FORCED ENTRY PROTECTION

DATA SHEET

STORM IMPACT & BALLISTIC-RATED DOOR
USAD 1000 FEMA



- The USAD 1000 FEMA Door is a single leaf, high security aluminum door designed for the exterior envelope to provide multi-threat protection against tornadoes, hurricanes and extreme storm conditions, as well as high power rifles.
- Type: Single leaf, glazed door assembly
- Swing: Outswing only
- Minimum Door Size: 31" x 79-3/4"
- Maximum Door Size: 41" x 87"
- Frame Size: 3"W x 5"D
- Glazing Thickness: 1-3/4"
- Door Handing: Left-hand /left-hand reverse and right-hand / right-hand reverse
- Standard Finish: Clear or bronze anodized (Custom: Fluoropolymer paint available)

PROTECTION, TESTING & STANDARDS

- **Storm Impact:** ICC 500 (2023), FEMA P-361 (2024) Ed. 5
  - **Design Tornado Pressure:** +248 /-312 psf
  - **Design Hurricane Pressure:** +167 / -223 psf
  - **Impact Rating:** 15lb @ 100mph
- **Ballistics:** UL 752 (11th and 12th Editions) Level 5 and UL-RF-B, protects one shot from a 7.62 x 51mm NATO Full Metal Jacket round.



PRODUCT SPECIFICATION INFORMATION

- Aluminum extrusions to be 6063-T5 alloy and temper or equal with a minimum tensile strength
- Glass: Proprietary USBP composition comprised of multi-ply glass/polycarbonate composite
- Hardware:
  - Corbin Russwin FE5400S-N955ET Lever Trim
  - Magnasphere MSS_312C Recessed Magnetic Reed Switch
  - PT-1000 SC Power Transfer Unit
  - USBP Proprietary Heavy Duty Hinge
  - LCN 4004XP Heavy Duty Surface Mounted Closer
  - Rim Cylinder Housing
  - Pemko 315CN Sill Sweep
  - BGD-26 Threshold
- Anchoring designed by registered design professional to resist tornado and wind pressures as stated on this document.

OTHER IMPORTANT INFORMATION

- Shipped factory assembled and unglazed with glazing completed on-site.

It is recommended that the door system be used in conjunction with protected walls and door areas. Each end user should determine the appropriate type and level of protection to meet and exceed security needs.

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