



TECHNICAL DATA
FROM
Anemostat[®]
DOOR PRODUCTS
A MESTEK COMPANY

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BR-7
BULLET AND IMPACT RESISTANT
METAL VISION FRAME



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

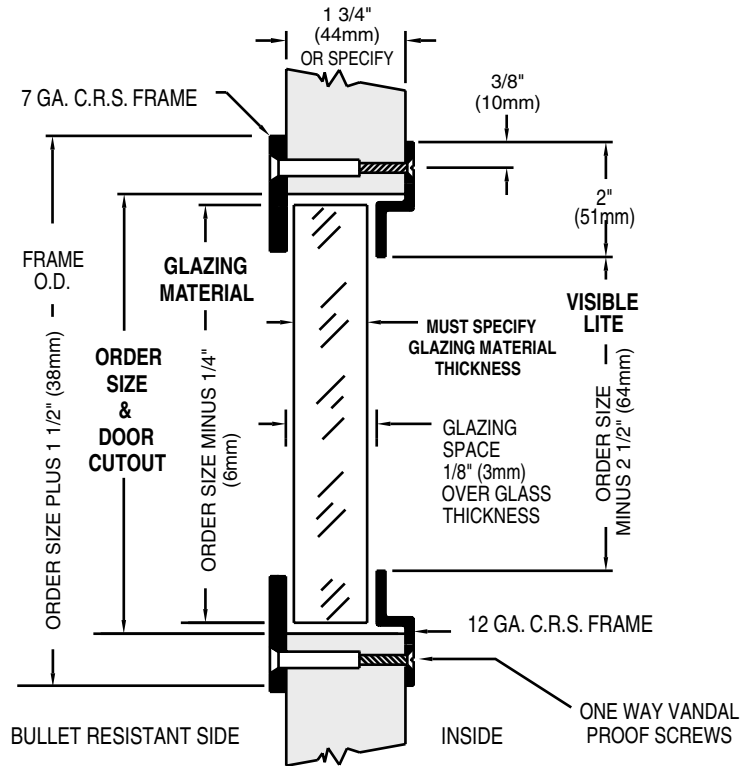
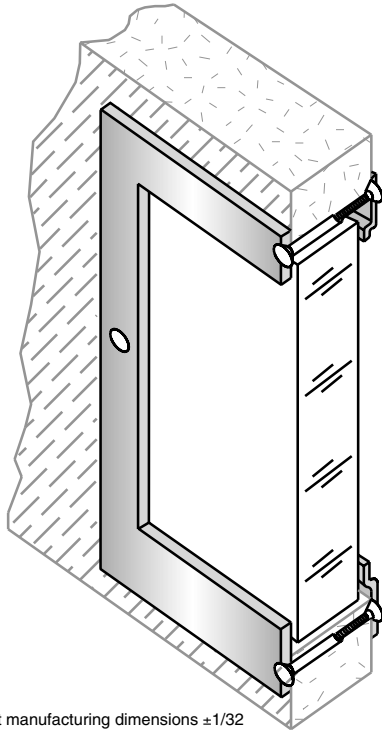


WARNOCK
HERSEY

MEETS ASTM F-1450-97 †

B.S.-476.22 British Standard

DETAIL DRAWING



Anemostat manufacturing dimensions ±1/32
Actual dimensions are nominal and may vary
based on component manufacturers tolerances.

STANDARD PRODUCT FEATURES

- **MATERIAL:** 7 GA. Cold Rolled Steel face plate frame.
Standard SG-10 (12 Ga.) back plate frame.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **DOOR THICKNESS:** For 1 3/4" (Std), or up to 2 1/4" thick
- **USES:** For areas where bullet resistance or protection from forced entry or attack is required.
- **INSTALLATION:** By drilling 1/4" holes thru the door, around the perimeter of the door cutout. Both sides of the frame have countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts thru bolts with a blank head on one side for improved security.
- **GLAZING:** Thickness can range from 3/16" up to 1 9/16", depending on bullet resistance level, fire or attack standard required. Glazing space of 1/8" over glazing material is standard, allowing for glazing tape to be used on both sides of the glazing material.
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.
- **NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, Galvanized (Hot Dipped or Zinc Plated).
- **FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).
- **FASTENERS:** Special Security Screw Fasteners, See catalog page 26 this section.
- **SPECIALS:** Fractional sizes, Glazing (1/4 to 1-9/16"), and Door thicknesses, up to 2 1/4".

FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- **20/45 MINUTE:** Approved listing at 1296 sq.in. visible lite (max. width 54", max. height 54").
- **60/90 MINUTE:** Approved listing at 100 sq.in. visible lite (max. width 10", max. height 33").
- **60*90* MINUTE:** Approved listing at 1080 sq.in. visible lite (max. width 35", max. height 35").

*Must be used with 1-1/16" (27mm) or 1-9/16" (40mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.

BS 476.22 Timber Doors - 30 min. and 1 hour.
British Standard Steel Doors - 2 hours (4 hours actual).

BULLET RESISTANCE, PHYSICAL ATTACK

- **Bullet Resistance Test (Passed):** .44 Magnum and 12 Gauge Shotgun, UL 752-LVL-III.
- **Impact Test (Passed):** Sledge Hammer attack portion of C.D.C. test requirements.

IMPACT RATINGS

† Tested in Compliance with ASTM F-1450-97 Must use 1/4" x 20 Thru Bolt blank one side (not shown in drawing, see page 26 this section).

Job Name & Location	Submitted by