



TECHNICAL DATA

FROM

Anemostat

Door Products

4958 Stout Dr. #119, San Antonio, TX 78219
 PH: 210.662.6300 • FAX: 210.662.2828

e-mail: door@anemostat.com • website: www.anemostat.com

FGS-IS

METAL VISION FRAME FOR SPECIAL GLASS OR DOOR THICKNESS



UNDERWRITERS'
LABORATORIES

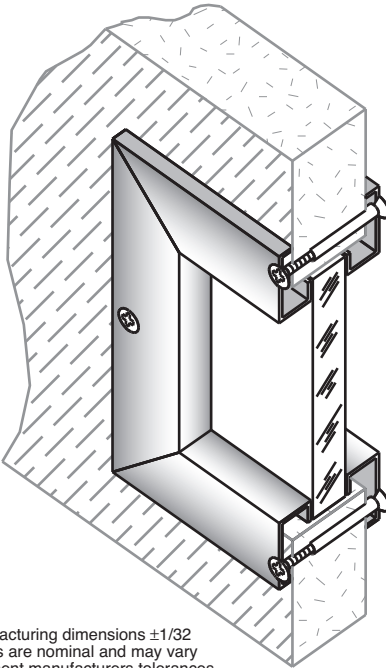
FIRE
RATINGS



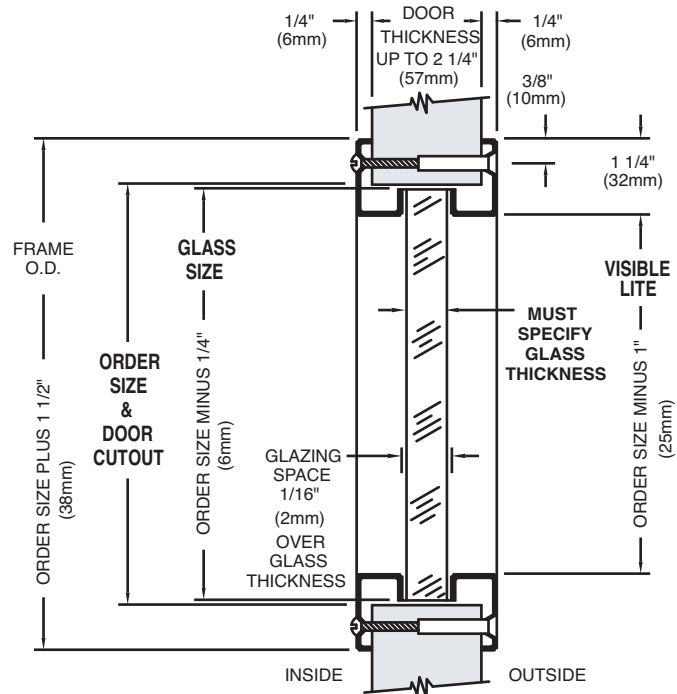
WARNOCK
HERSEY

B.S.-476.22
British Standard

DETAIL DRAWING



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



STANDARD PRODUCT FEATURES

- **MATERIAL:** 18 GA. (1.25mm) Cold Rolled Steel.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 phillips head steel thru bolts with a blank head on one side for flush appearance and added security.
- **DOOR THICKNESS:** 1 3/4" (44mm) is standard. Specified up to 2 1/4" (57mm). Must be 1/4" (6mm) minimum thicker than glass.
- **GLAZING:** Thickness can range from over 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/16" (2mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glass. Glazing material should be fire and safety rated with U.L. and/or W.H.I. classification markings.
- **AESTHETICS:** Tight mitered corners, 90° angle on glass stop for maximum visible lite area.
- **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.
- **PLEASE NOTE:** On visible lite sizes larger than 1296 sq. in. on 20/45 min. and 100 sq. in. on 60/90/180 min., please consult with your Door / Frame Manufacturer's procedures, for their maximum glass size tested.

OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish(Satin), Galvanized (Coil Hot Dipped, or Zinc Plated).
- **FINISH:** Custom Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- **FASTENERS:** Special Security Screw Fasteners, See Page 36, this section.
- **SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications. For mullions (see FGS-IS-G or LoPro™-IS-G).
- **HM CLIP:** Replaces the need for reinforcing channel in the door cutout, see page 37 this section.

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

- **20/45/60/90 MINUTE:*** Approved listing at 1080 sq. in. (0.697 m²) visible lite. max. width 36" (914mm), max. height 36" (914mm).
 *Must be used with 7/8" (23mm) or 1-1/16" (27mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.
 - **20 MINUTE:**** Approved listing at 3204 sq. in. (2.067 m²) visible lite. max. w 36" (914mm), max. h 89" (2261mm).
 - **45/60 MINUTE:**** Approved listing at 2772 sq. in. (1.788 m²) visible lite. max. w 36" (914mm), max. h 77" (1956mm).
 - **90 MINUTE:**** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. w 36" (914mm), max. h 54" (1372mm).
 - **3 HOUR:**** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. w 12" (305mm), max. h 33" (838mm).
- **Must be used with FIRELITE IGU 1" (25mm) Cat II or FIRELITE Plus and Fire listed glazing tape or another manufacturer's equivalent product. Glazing combination must be used in appropriately tested door assembly.

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

Job Name & Location	Submitted by