



# TECHNICAL DATA

FROM

# Anemostat®

## DOOR PRODUCTS

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# LoPro™ -IS

## LO-PROFILE METAL VISION FRAME FOR SPECIAL GLASS OR DOOR THICKNESS



UNDERWRITERS'  
 LABORATORIES

**EN-1634**  
 European Standard

FIRE RATINGS

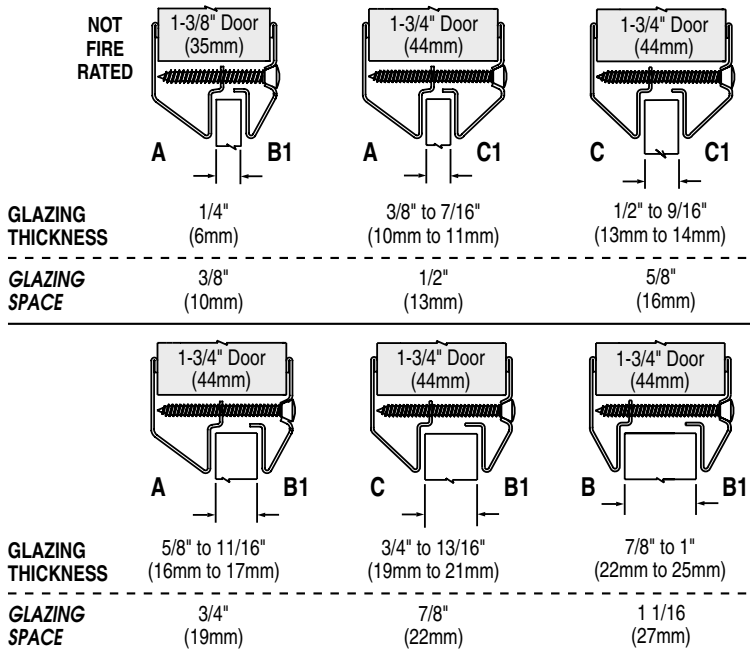


WARNOCK  
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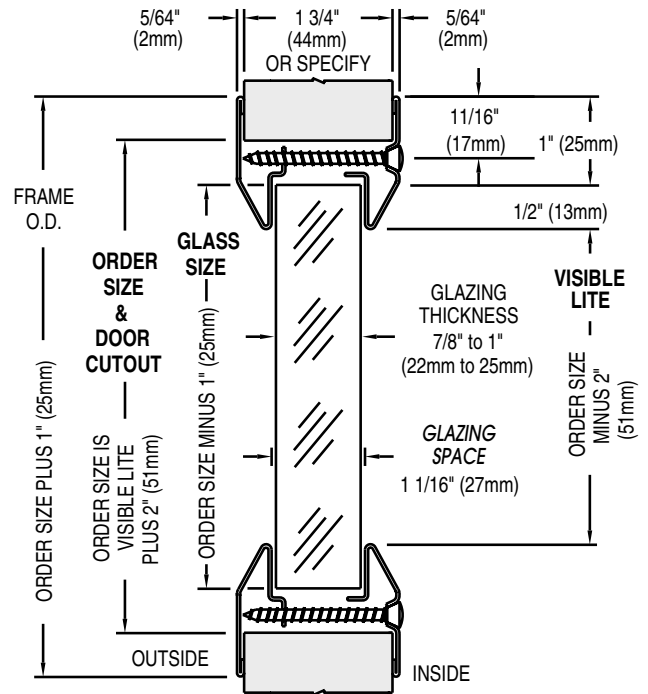
**B.S.-476.22**  
 British Standard

### DETAIL DRAWING

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



A, B, C = Non Screw Side of Frame – B1, C1 = Screw Side of Frame



### STANDARD PRODUCT FEATURES

- MATERIAL:** 20 GA. Cold Rolled Steel.
- FINISH:** Gray Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** Uses 1 3/4" sheet metal screws that pass through the door cutout, and fastens to the opposite side of the vision frame, saving installation time and labor. It also leaves the corridor side free of fasteners for added security and a cleaner, more aesthetic appearance.
- DOOR THICKNESS:** 1 3/4" is standard. Door thickness can vary based on Glazing Material thickness used, please consult factory. 2" (50mm) or 2 1/8" (54mm) are available with 1/4" glazing material.
- AESTHETICS:** Tight mitered corners, beveled glass stop and a low profile to provide a clean, tapered look.
- GLAZING:** Glazing Space will vary based on Glazing Material and will determine thickness of Glazing Tape used. Glazing Material should be fire and safety rated for use as a door lite with U.L. and/or W.H.I. markings when used in a fire rated assembly.
- 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.
- ATTENTION:** 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 Electro Plated) Mill Finish Aluminum (Not Fire Rated).
- 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 31, this section.
- SPECIALS:** Fractional sizes. For mullions see LoPro™-IS-G or FGS-IS-G
- HM-CLIPS:** Replaces the need for reinforcing channels in the door cutout, see pg. 32

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

- 20/45/60/90 MINUTE:**\* Approved listing at 1080 sq. in. visible lite. (max. width 36", max. height 36").  
 \*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. visible lite. (max. w 36", max. h 89").
- 45/60 MINUTE:**\*\* Approved listing at 2772 sq. in. visible lite. (max. w 36", max. h 77").
- 90 MINUTE:**\*\* Approved listing at 1296 sq. in. visible lite. (max. w 36", max. h 54").
- 3 HOUR:**\*\* Approved listing at 100 sq. in. visible lite. (max. w 12", max. h 33").  
 \*\*Must be used with 1" (25mm) FireLite IGU Cat II, and fire listed glazing tape, and be used in an appropriately tested door assembly.

**BS 476.22** Timber Doors - 30 min. and 1 hour. Tested to 254mm x 762mm  
 British Standard Steel Doors - 2 hours (4 hours actual). Tested to 813mm x 813mm

**EN-1634** 30/60 min. integrity and insulation - Indicative Testing  
 European Std.

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| Job Name & Location | Submitted by |
|                     |              |