



TECHNICAL DATA

FROM

Anemostat®

DOOR PRODUCTS

A MESTEK COMPANY

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LoPro™-IS Style

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



UNDERWRITERS'
 LABORATORIES

EN-1634

European Standard

FIRE
 RATINGS



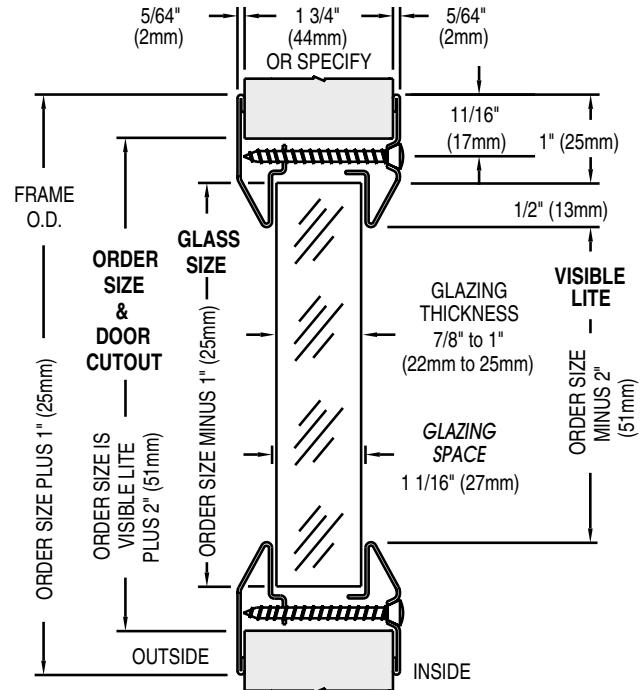
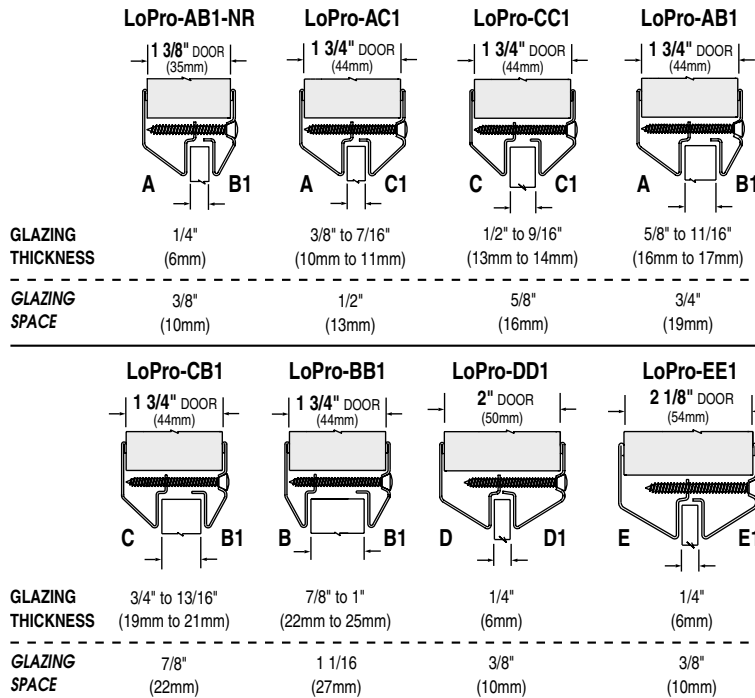
WARNOCK
 HERSEY

B.S.-476.22

British Standard

DETAIL DRAWING

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



STANDARD PRODUCT FEATURES

- MATERIAL:** 20 GA. (1mm) Cold Rolled Steel.
- FINISH:** Gray Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** Uses 1 3/4" (44mm) 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" (44mm) 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" (6mm) 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. (0.836 m²) on 20/45 min. and 100 sq. in. (0.065 m²) 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) 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 36, 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. 37

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** British Standard Timber Doors - 30 min. and 1 hour. Steel Doors - 2 hours (4 hours actual).
- EN-1634** European Std. 30/60 min. integrity and insulation - Indicative Testing

Job Name & Location	Submitted by