



TECHNICAL DATA
FROM
Anemostat
DOOR PRODUCTS
A MESTEK COMPANY

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FireLite® Plus
5/16" (8mm) CLEAR
(Fire & Impact/Safety Rated)



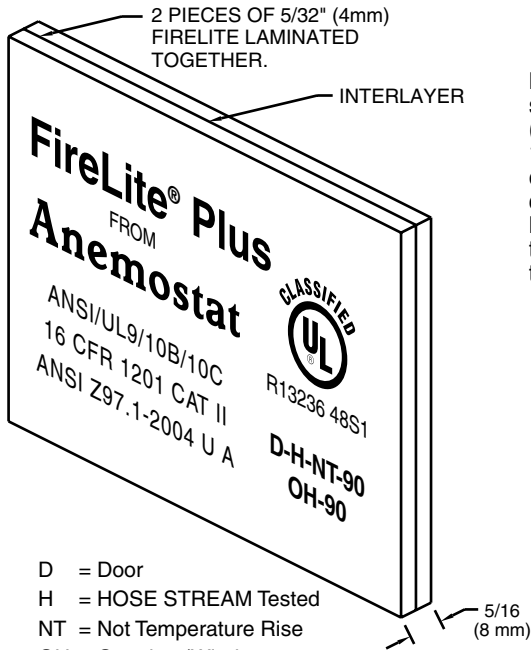
FIRE RATED BY
UNDERWRITERS'
LABORATORIES



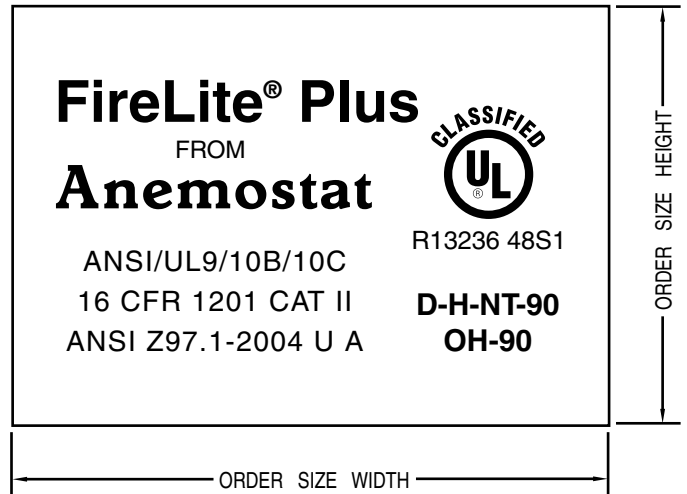
B.S. or B.S.-EN
British Standard

CATEGORY II IMPACT/SAFETY RATED
ANSI Z97.1 2004 U A

DETAIL DRAWING



PLEASE NOTE: 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.



NOTE: Although recommended for use with LoPro metal vision frame and 1/32" (1mm), GT-132 Anemostat glazing tape (furnished loose), due to very tight tolerances, care must be taken to not over tighten vision frame screws that can cause cracking of the glass during installation.

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

STANDARD PRODUCT FEATURES

- MATERIAL:** 2 pieces of PREMIUM or STANDARD FireLite clear ceramic laminated together with an interlayer for an overall 5/16" (8 mm) dimension.
- INSTALLATION:** FireLite Plus shall be glazed into the appropriate fire-rated framing with 1/32" (1mm) fire-rated glazing tape, (supplied loose) to both sides of glass.
- CLASSIFICATION MARKINGS:** Each piece of cut to size Clear FireLite Plus is permanently etched with the listing mark of U.L. in accordance with standards set forth by N.F.P.A. - 80 Revised.
- USES:** FireLite Plus is a fire-rated and impact/safety rated glazing material. It carries listings for use in doors, sidelites, transoms and borrowed lites with fire rated requirements ranging from 20 minutes to 3 hours. May be lightly sandblasted/etched one side without affecting fire rating.

SOUND RATINGS with LoPro-STC

- LoPro-STC with FireLite Plus:** STC - 38
- TESTED SIZE:** 24" X 36" (610mm x 914mm) CUTOUT / ASSEMBLY
- TESTED IN ACCORDANCE WITH:** ASTM E90-09 and ASTM E2235-04. STC measurements determined in accordance with ASTM E413-04. Testing conducted at Western Electro - Acoustic Laboratory, Santa Clarita, CA.

* Fire Rated

IMPACT / SAFETY RATINGS

- Meets ANSI Z97.1-2004 U A and CPSC 16CFR-1201 (Cat. I and II)
- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

FIRE RATINGS (w/ U.L. classification markings) Positive Pressure

- Listed and labeled by Underwriters Laboratories, Inc.® Test report numbers for labeled fire-rated assemblies include: UL File No. R13377. All above tests performed in accordance with ASTM E-152, ASTM E-163, NFPA 252, UL-9, UL-10B, UL-10C, UBC 43.2, UBC 43.4, UBC 7.2-97, UBC 7.4-97, CSFM 43.7, CAN4 S-104 and CAN4 S-106.

DOORS

- 20/45/60 MINUTE:** Approved listing at 3204 sq. in. (2.067 m²) visible lite. max. width 36" (914mm), max. height 89" (226mm).
- 90* MINUTE:** Approved listing at 2034 sq. in. (1.31 m²) visible lite. max. width 36" (914mm), max. height 56 1/2" (1435mm).
- 60**/90** MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 12" (305mm), max. height 33" (838mm).
- 3 HOUR:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 12" (305mm), max. height 33" (838mm).

*Non Temperature Rise Door ** Temperature Rise Door

OTHER THAN DOORS (TRANSOMS, SIDELITES and BORROWED LITES)

- 20/45 MINUTE:** Approved listing at 3325 sq. in. (2.145 m²) visible lite. max. width 95" (2413mm), max. height 95" (2413mm).
- 60 MINUTE:** Approved listing at 3325 sq. in. (2.145 m²) visible lite. max. width 95" (2413mm), max. height 95" (2413mm).
- 90 MINUTE:** Approved listing at 2627 sq. in. (1.695 m²) visible lite. max. width 56-1/2" (1435mm), max. height 56-1/2" (1435mm).

BS 476.22 - British
Timber Doors - 30 / 60 min.

BS-EN-1634 - British
Steel Doors - 240 min.

Job Name & Location	Submitted by

For Most Current Info, Consult Factory or check our website, www.anemostat.com