

TECHNICAL DATA

FROM

Anemostat®

DOOR PRODUCTS

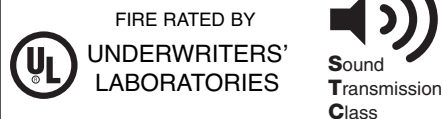
A MESTEK COMPANY

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CARSON, CA 90745-4206
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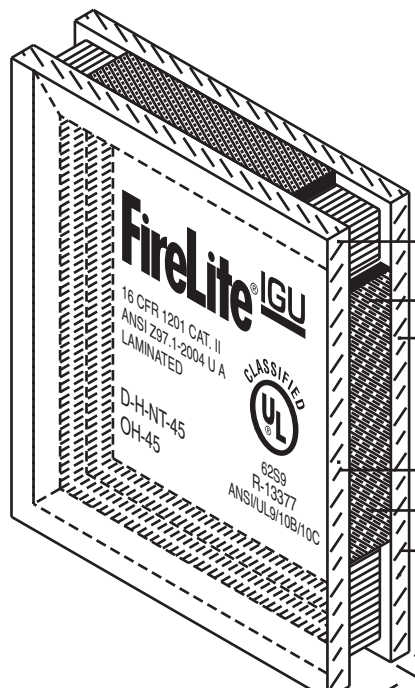
FireLite® IGU

15/16" (24mm) OR 1" (25mm)
INSULATED
(Fire & Impact/Safety Rated)



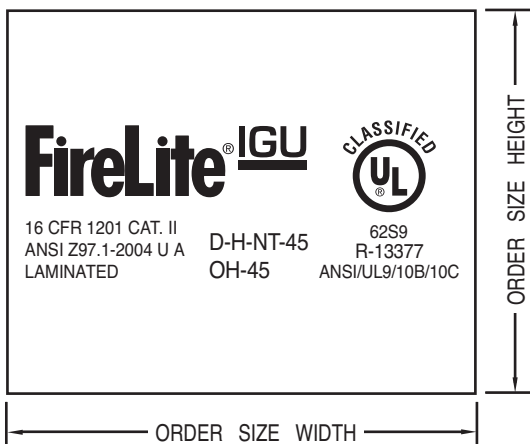
FIRE RATED BY
UL UNDERWRITERS' LABORATORIES
CLASSIFIED
CATEGORY II IMPACT/SAFETY RATED
ANSI Z97.1 2004 U A

DETAIL DRAWING



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.

- 3/16" (5 mm) FIRELITE NT (Film is on Outside)
 - 1/2" (13 mm) AIRSPACE
 - 1/4" (6 mm) TEMPERED
 - 15/16" (24 mm) OVERALL
- OR
- 5/16" 8 mm FIRELITE PLUS
 - 7/16" (11 mm) AIRSPACE
 - 1/4" (6 mm) TEMPERED GLASS
 - 1" (25 mm) OVERALL



D = Door
H = HOSE STREAM Tested
NT = Not Temperature Rise
OH = Opening (Window, Sidelite or Transom)

±8% Tolerance

STANDARD PRODUCT FEATURES

- **MATERIAL:** 3/16" (5 mm) FireLite NT / 1/2" (13 mm) Airspace / 1/4" (6 mm) Tempered or 5/16" (8 mm) FireLite Plus / 7/16" (11 mm) Airspace / 1/4" (6 mm) Tempered Glass.
- **USES:** For exterior application where energy codes require an insulated unit and for interior applications for special needs (such as sound reduction).
- **INSTALLATION:** FireLite IGU shall be glazed into the appropriate fire-rated framing with the film side to the building interior. Installation shall be with 1/16" fire-rated glazing tape, (supplied loose) to both sides of glass.

SOUND RATINGS with LoPro-STC

- **LoPro-STC with FireLite Plus IGU:*** STC - 42
- **TESTED SIZE:** 24" X 36" 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**
- **IMPORTANT:** Interpretation of building fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

OPTIONAL FEATURES

- Available incorporating a variety of Glass Products:
- Tinted.
 - Art Glass.
 - May be lightly sandblasted or etched on one side without affecting fire rating.
 - Reflective.
 - One-Way Mirror.
 - Low E.
 - Obscure.

FIRE RATINGS (with U.L. classification markings) Positive Pressure

- DOORS**
- **20/45/60* MINUTE:** Approved listing at 3204 sq. in. visible lite. (max. width 36", max. height 89").
 - **90* MINUTE:** Approved listing at 2034 sq. in. visible lite. (max. width 36", max. height 54")
 - **60**/90**MINUTE:** Approved listing at 100 sq. in. visible lite. (max. width 12", max. height 33").
 - **3 HOUR:** Approved listing at 100 sq. in. visible lite. (max. width 12", max. height 33").
- *Non Temperature Rise Door ** Temperature Rise Door

OTHER THAN DOORS (TRANSOMS, SIDELITES and BORROWED LITES)

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

IMPACT / SAFETY RATINGS

- Meets ANSI Z97.1-2004 U A and CPSC 16CFR1201 (Cat. I and II)

Job Name & Location	Submitted by

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