

TECHNICAL DATA

FROM


Anemostat Door Products

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FireLite® IGU

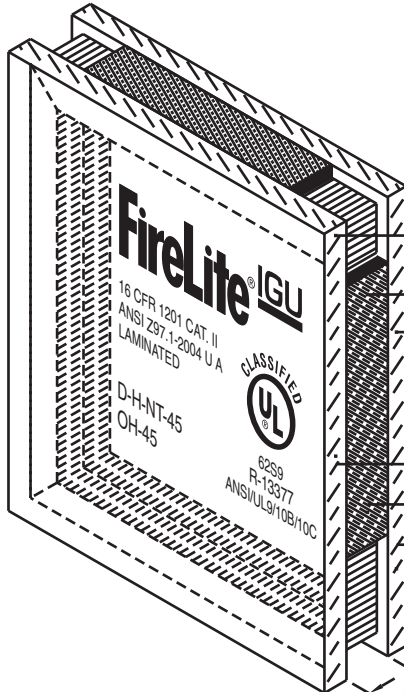
15/16" (24mm) OR 1" (25mm)
INSULATED
(Fire & Impact/Safety Rated)

FIRE RATED BY
 UNDERWRITERS'
LABORATORIES



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

DETAIL DRAWING

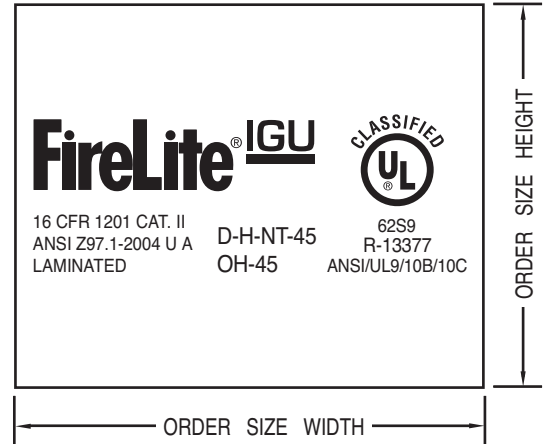


PLEASE NOTE: On visible lite sizes larger than 1296 sq. in. (0.836 m²) on 20/45 min. and 100 sq. in. (0.065 m²) on 60/90/180 min., please consult with your Door / Frame Manufacturer's procedures, for their maximum glass size tested.

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 } (CAT. II) IMPACT SAFETY RATED

OR

5/16" 8 mm FIRELITE PLUS
7/16" (11 mm) AIRSPACE
1/4" (6 mm) TEMPERED GLASS
1" (25 mm) OVERALL } (CAT. II) IMPACT SAFETY RATED



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" (1.6mm) 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" (610 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**
- 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. (2.067 m²) visible lite. max. width 36" (914mm), max. height 89" (2261mm)
 - 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)

- 20/45/60 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)

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